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HILL'S AMERICA

1923

Charles H. Totty Co.
(Madison, N.J.)



As We Would Have You Know Us--

OCCASIONALLY we pause to reflect. And as we look backward over the last twenty years reviewing the remarkable advances made in gardening matters during that period, we can not help but feel grateful for the loyal, yea, enthusiastic support which our customers have given to our enterprise. Greater changes have taken place in horticulture during the last twenty years than in all the centuries preceding the last score of years. And it is with reasonable pride that we can truthfully claim to have done our part in popularizing ornamental horticulture in America.

Twenty years ago we felt that there would be an ever-increasing demand for the better things produced for the garden.

At that time we were the proverbial "Apostles in the wilderness."

Gradually, however, our home gardeners found that it was no more difficult to grow the rare and exceptionally beautiful flower than it is to grow the common garden variety of any species. The Garden Club movement has done a great deal to foster interest in the newer, better varieties and types of plants and we want to go on record that we fully appreciate the splendid work done by the affiliated Garden Clubs of America.

And so we shall continue to serve American home gardeners on the same basis and by the same motives that have been the guiding motive behind our work during the past twenty years. We want Totty Service to stand not only for thrifty plants, packed and delivered in hundred point shape at the door of Totty customers, but we will endeavor to continue to bring to you the choicest varieties produced by the world's foremost horticulturists. We trust that these endeavors will merit your continued whole-hearted support.

GREETINGS

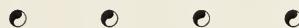
To Our Friends and Customers:

With the introduction of our Twentieth Annual Catalogue, we announce the opening of our—

FLOWER SHOP

4 EAST FIFTY-THIRD STREET,
NEW YORK CITY

where we will be pleased to welcome all of our customers who cannot find it convenient to call on us at Madison, to discuss their garden requirements.



We have the usual list of Exhibition Chrysanthemums, which need no further introduction, when we say they are up to the standard of other years, in this particular type.

The Hardy Chrysanthemums are being more largely grown year after year and we have some splendid additions this year to the Early Flowering, Single and Pompon lists.

Our chief pride for 1923 is "AMERICA," the sensation of the Rose world! We refer our readers to pages 40 and 63 for further information regarding this magnificent variety.

Our new outdoor Rose for 1923 is another Pernet seedling, the "Georges Pernet." This with the "America" Rose, for the Hardy Garden, is well worth a trial by everyone and we know our customers will be delighted with the results.

We again suggest the necessity of being sure letters are addressed to Madison, NEW JERSEY, as frequently delays are caused by mail being missent to Madison, New York.

We are glad to have our customers call at the greenhouses when in this vicinity.

CHARLES H. TOTTY COMPANY,
MADISON, NEW JERSEY

TERMS OF SALE

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Orders from unknown parties must be accompanied by cash or satisfactory references. We allow 2 per cent discount when cash accompanies order, therefore, it is to the customer's interest to remit the full amount when ordering.

Accounts unpaid within thirty days are subject to sight draft without further notice.

We exercise every possible care to keep plants clean and true to name, but we give no warranty, expressed or implied, on same and if customers are unwilling to accept them on these terms, they must be returned to us at once.

EXPRESS SHIPMENTS. On account of express strikes and other troubles beyond our control, we do not assume liability for any shipment once it has been accepted in good condition by the express company. All stock must travel at purchaser's risk.

NOTE CAREFULLY. Parcel Post charges will be added to the invoice. In the case of small shipments or paid orders on which it is requested that the stock be sent Parcel Post, 10 per cent of the order must be added to remittance to prepay shipment. This applies to all points east of the Mississippi. On points west of the Mississippi, 15 per cent of the amount must be added for postage.

PLEASE NOTE. Not less than three plants of one variety will be sold at the dozen rate; nor less than twenty-five at the hundred rate. We are sometimes asked to send one hundred plants in about thirty varieties at the hundred price. We will not supply less than twenty-five of one variety at the hundred rate, as it takes considerable time to select one hundred plants in twenty or thirty varieties and we must charge for the same accordingly.

PACKING CHARGES. All packing will be charged for at cost.

We request that whenever possible Money Orders be sent instead of stamps.

To our foreign clients. Owing to the fluctuations in exchange, goods must be paid for in advance, in funds, current at par in the city of New York.



MRS. A. L. D. WARNER

Lovely deep canary yellow, very dwarf and handsome grower, carrying the foliage right up to the flower. A Pockett's seedling, conforming in every respect to the Pockett ideal. Height 4 feet, crown bud August 10th to 20th.

Price . . . per plant, \$2.00; per dozen, \$20.00



PRINCESS NAGAKO

The pure golden yellow sport of Nagirroc, the lower petals of which hang down about six inches; named in New York by the Japanese Ambassador. Height 4 feet, crown bud August 26.

Price . . . per plant, \$2.00; per dozen, \$20.00



MRS. W. C. EMMET

This variety will displace the renowned Louisa Pickett when generally distributed. Snow white in color, of tremendous size and vigorous growing habit, incurved type, height 5 to 6 feet; crown bud August 15th.

Price . . . per plant, \$2.00 ; per dozen, \$20.00



STEPHEN BROWN

Salmon with old-gold reverse, very large broad petals. There is a great demand for this particular color and type of flower on the exhibition table, and it will prove a welcome addition. Height 4½ to 5 feet. Crown bud August 15th.

Price . . per plant, \$2.00; per dozen, \$20.00



H. B. WEST

Deepest yellow in color, with long broad petals, whorled and incurved. The growth, flower stem and general habit of the plant are perfect, quite distinct from any previous introduction. Crown bud August 20th.

Price . . per plant, \$2.00; per dozen, \$20.00



PERCY A. DOVE

An incurving pure white of the very highest quality, producing 100 per cent perfect blooms. Valuable as an exhibition or commercial type, constitution and habit of growth cannot be surpassed. Height 4 feet, any bud after August 15th.

Price . . . per plant, \$2.00; per dozen, \$20.00



OLIVE

Light carmine with yellow reverse, rather thin grower, but perfectly rigid stem.
The general effect of flower most attractive. Height 4 to 5 feet. Any bud.

Price . . per plant, \$1.00; per dozen, \$10.00



JOHN BALMER

A most attractive scarlet and bronze variety, but hardly large enough in size to be classed as an Exhibition type. It shows up wonderfully well when used for decorative work in conjunction with the autumn foliage. We can highly recommend this variety to commercial growers who are looking for a variety to fill the ever increasing demand for a bronzy-scarlet. Height 3½ to 4 feet. Crown bud after August 15th.

Price . . per plant, \$1.00; per dozen, \$10.00

GODFREY'S FAVORITE

This variety came to us from England, and after an extended trial it shows itself to be quite valuable as a mid-season reflexed white. Height 4 feet, crown bud October 10 to 25.

Price . . per plant, \$1.00; per dozen, \$10.00

THE POCKETT-TOTTY SET OF 1922

Price . . . per plant, \$1.00 ; per dozen, \$10.00



MISS GLADYS WOODERSON

A splendid doer, sturdy, robust and most accommodating in every way. The broad reflexing petals droop most gracefully and are of a brilliant rosy amaranth in color. A bud taken the end of August will give the most shapely and best colored flowers. Height $3\frac{1}{2}$ to 4 feet.

General Allenby

A rich golden yellow with long reflexing and drooping petals, one of the type made famous years ago by such sorts as Mrs. H. Thirkell. A valuable addition to the yellow. Height 5 feet. Crown bud.

Mrs. Charles H. Curtis

An odd colored flower of the largest size. The ground color is white and the petals are lined on either side with a brilliant pink stripe. A dwarf, beautiful grower, splendidly adapted for either pot growing or bench work, and especially useful in staging collections of cut flowers. Bud August 20th or later.

"Mrs. Woodrow Wilson"

Classed by many growers this year as the early Turner. It was in full flower October 1st. Mrs. Wilson ranks as the earliest flowering white 'Mum so far presented; it is tremendous in size and every bud produces a perfect flower. Take bud August 5th to September 1st. Height 4 to 5 feet.

"Nadine"

An exceptionally large golden bronze variety; free and graceful in habit. This variety will readily find itself in exhibition company, for it is a fine grower and can easily be grown by anyone. Height 5 feet. Crown bud August 1st, onwards.

"Private James Gresham"

Terra-cotta red with gold reverse. Strong healthy grower. Enormous reflexing flower. It is particularly strong and free and comes splendidly on any bud, either early or late. Height 4 feet.

"Private Merlie Hay"

Warm bronzy-red in color, with clean heavy foliage right up to the flower. Certificated by the New York Florists' Club on October 14th. Take bud any time after August 10th. Height 5 feet.



NEW AND SCARCE VARIETIES

Price . . . per plant, 30c ; per dozen, \$3.00 ; per hundred, \$20.00



MISS RUTH TWOMBLY

Flowers absolutely perfect in form; color on the early buds occasionally veined with bronze and the later buds show considerable suffusion of this bronzy tint. This variety will line up with the best we have received from Pockett to date. More distinct than any other bronzy-yellow we are growing. Height 4½ feet. Bud August 15th, onward.

Admiral Beatty

Color blush-white, with very stiff, heavy petals. One of the strongest growing varieties; enormous stem and foliage. Height 5 feet. Bud August 15th, onward.

Corporal J. Fred Piper

Immense yellow on the type of the old Col. Appleton, but much larger, and altogether better in color and growth. Stem and foliage ideal. Corp. Piper is assured of a hearty welcome from growers of exhibition blooms looking for a really fine yellow. Crown bud any time after August 20th. Height 5 feet.

Delight

An immense reflexed pink that was awarded the Certificate of the C. S. A. Scored 92 points. Color, clear, bright rose. Size enormous. Stem perfectly stiff and able to support the flower perfectly. Any bud after August 15th. Height 3½ to 4 feet.

Elizabeth Jamison

Purest white. Petals irregularly twisted and curved at the tips. Plant is very strong in growth, about 6 feet in height under favorable conditions. Foliage carried completely up to the flower, and the stem is perfectly rigid and splendid for the long-stemmed class.

Glenartney

Chamois-buff with chestnut reverse. Very fine grower with splendid foliage which is carried right up to the flower. A variety we can strongly recommend to everyone. Height 5½ feet. Bud August 15th, onward.

Katherine Twigg

White, with the faintest possible blush on petals. When well grown is a very fine flower, perfect in form and substance. Will rank with the finest of exhibition flowers. Growth about 5 feet in height. Bud August 20th.

Meudon Surprise

A sport of the well-known Meudon, which will be invaluable when well distributed. Color, pale fawn and maize yellow, with rose pink shadings on the petals. This will make a welcome addition to the Novelty colors in the exhibition class of "twenty-four distinct varieties." Very robust in habit.

Mrs. David Lloyd George

A variety that comes to us from England. Color brilliant crimson with a golden reverse which shows here and there through the flower in a most pleasing manner. Most quickly described as the color of the old time Pockett's Crimson at its best. A fine variety to be used for collections. Height 4½ feet. Bud August 25th, onward.

Mrs. Gilbert Drabble

On an early crown bud from August 10th, this variety produces a marvelous flower; petals are arranged in a whorl, rendering them most attractive.

Mrs. J. Leslie Davis (Pink Turner)

We introduced the original variety (white) in 1912, and two years ago we introduced the yellow variety. With the pink sort it completes the trio.

It is absolutely identical with Turner in every respect save color, which is a clear lavender-pink. The growth and habit are a duplicate of the original parent and no other description is necessary. Pink Turner will find a premier place on its own merits. Height 5 feet.

Mrs. Jeffries

Deep old rose, with a tan reverse; very novel in color. Medium-sized flowers of dwarf, robust habit which will be largely grown as a pot plant. Season of bloom, November 15th, onward. Most unique in color and on this account should be popular.

Mrs. E. Kershaw

A splendid, warm bronze, with immense petals and aristically arranged. Tremendous growth of foliage and stem. A color that is sure to please the exhibition grower. Height 5 feet. Bud August 15th, onward.

Philip Ricci

May be best described as an improvement on Chas. H. Totty, which has been for years the standard chestnut-bronze in the exhibition type. Petals long and graceful, with the habit of the plant leaving nothing to be desired in foliage or stem. Height 5 feet. Bud August 15th and later.

Reflexed Louisa Pockett

Duplicate of Louis Pockett in every way except that the petals reflex instead of incurve, but in all other respects it is identical; having large foliage, strong stem and the enormous flower. Height 5 feet. Buds taken late August or early September give best results.

Rose Day

One of Pockett's masterpieces, and named in honor of his daughter. An exquisite flower of rose-pink; the lower petals droop and the upper petals are beautifully incurved. Foliage carried right up to the flower on immense stems holding up the growth which is most vigorous and healthy. Height, 4 feet, bud August 20th, onward.

Thanksgiving Pink

Bright deep pink of even shade, which holds its color at all times and is a splendid companion for the Eatons and Chadwicks at Thanksgiving. Produces quantities of perfectly formed blooms and is a variety we strongly recommend as a late pink.

Vermont

This variety won the C. S. A. Silver Cup in New York, 1918 Fall Show, for the best new variety not yet in commerce. It is a most welcome addition to our exhibition list of pinks. The flowers are of enormous size, reminding one very much of the old variety M. L. Rousseau. Every bud produces a perfect flower and we feel sure Vermont will rank as one of the very best pink varieties in cultivation. Bud August 1st to 15th. Height 5½ to 6 feet.

Yellow Pockett

Those who saw the magnificent flowers of Louisa Pockett staged at the New York Show realize that though we distributed Yellow Pockett last year to a limited extent we did not do it justice. It is a duplicate of Louisa Pockett in every way save color —every exhibitor simply must grow it.

STANDARD VARIETIES EXHIBITION CHRYSANTHEMUMS

The following list is all splendidly adapted for exhibition and a few of them are useful for commercial purposes also, but they are placed in this section because they are more generally shown on the exhibition table.

Price . . per plant, 20c; per dozen, \$2.00; per hundred, \$15.00 (except where noted)

Bob Pulling

In this variety we have a wonderful 'Mum. Color pure yellow; flower is extremely large and comes right down to the foliage; the individual petals are an inch and a half in width and some 10 inches deep. Bud August 1st.

C. H. Totty

A glowing chestnut scarlet; flower, stem and foliage are alike enormous. One of the best all-around Chrysanthemums we have ever introduced to the American trade.

Earl Kitchener

Amaranth, with a silvery reverse. An enormous flower in a color not too plentiful in exhibition 'Mums at the present time. Stem, foliage and flower are alike tremendous. Bud August 20th.

Elberon

Large Japanese incurved, similar to Louiseau Rousseau in type and color; strong grower; stiff stem, with foliage well up to bloom.

F. S. Vallis

Largest yellow in cultivation and indispensable for use in short vase classes.

Glenview

A magnificent globe of dark red; dwarf grower with stiff stems.

James Fraser

Color is a deep canary yellow, and stem is absolutely rigid with foliage right up to the flower. We recommend this variety as being the largest and best in its type. Crown bud August 1st onward.

Louisa Pockett

Color purest possible white. Mr. Pockett calls that his "greatest achievement," and has named it after his wife. Flower, stem and foliage are alike enormous. Plants need plenty of room to develop. Certificated C. S. A. Height 5 feet.

Meudon

An immense flower of bright pink; same shade as Morton F. Plant. Habit of plant absolutely ideal. One of the strongest growers we have ever sent out. Dwarf grower, with beautiful foliage right up to the flower. Bud August 20th.

Miss Elvia Scoville

White sport of Wells' Late Pink, resembling the parent in every way except in color, and this is a pure clear white.

Mrs. J. Willis Buhl

Crimson, of the very largest size and a welcome edition to this color, which is very much like Pockett's Crimson, but the plant is considerably

taller in growth, running 5 to 6 feet. Bud about August 25th, gives best result as to color, size and finish of flower.

Mrs. J. Gibson

A phenomenal variety. Enormous alike in stem, foliage and flower; color light pink, shading to deeper pink lines on ends of petals. We exhibited this variety 10½ inches deep and 10 inches across. Certificated, C. S. A. and scored 89 points. Height 4½ feet. Bud as soon as possible after August 1st.

Mrs. Chas. W. Johnson

Purest possible white. Height about 4 feet. Bud August 25th and later. The foliage in this variety is carried right up to the flower and the stem is very rigid.



WILLIAM H. WAITE

Color, deep warm bronze so brilliant as to seem almost shading to scarlet in some of the flowers. Bud early in August will develop, but bud taken around August 25th will show a more brilliant color. Height 4 to 5 feet. Certificated C. S. A.

Mrs. O. H. Kahn

A first-class bronze; comes good on almost any bud, but produces the best colored blooms from buds taken August 20th or later. One of the best varieties in the bronze section.

Mrs. G. G. Mason

Very distinct variety; color blood red, with a gold reverse, though very, very little of the gold reverse appears. Its marvelous color will make it eagerly sought for in making collections. Height 5 feet. Crown bud August 20th.

Mrs. R. C. Pulling

Clear yellow; an English variety, tremendous in size, which has made a wonderful showing in some of the exhibitions. Height 5½ feet. Crown bud August 10th and later.

Mrs. G. Lloyd Wigg

Light yellow. One of the best varieties Mr. Pockett has ever sent out. Foliage right up to the flower and conforming in every respect to the ideal exhibition flower. Any bud after August 10th. Height 5 feet.

Nagirroc

Finest exhibition bronze we have ever distributed; color, deepest glowing orange bronze, 45 inches in circumference; every petal reflexing showing the color to the best advantage. This is the variety exhibited at the shows under the provisional name of Golden Champion. Every bud makes a splendid flower. Stem and foliage perfect. Height 5 feet. Any bud after August 15th. Certificated C. S. A.

Pockett's Crimson

The greatest thing in its color ever sent out. Crimson with a gold reverse. Makes a flower 9 inches across; splendid grower, with foliage right up to the flower.

President John Everitt

Color, very unique chamois-buff; when first opening the petals are very closely incurved, forming a perfect ball, 27 inches in circumference. As the flower develops, the center petals open outward and show considerable of the bronzy-crimson reverse. Very dwarf, robust grower, and one of the largest flowers in the collection. Bud August 15 onward. Height 3½ feet.

Queen Mary

When taken on a bud in July produces an enormous flower; too early for any but the earliest exhibitions. Pure white in color.

Rose Pockett

Old gold, shaded bronze. Purely an exhibition variety, but one of the finest kind sent out.

Sergeant Wm. E. Young

An enormous bronze, larger and heavier than W. H. Waite, though hardly so bright in color. One of the kind that is indispensable for short stem classes. Stem fully able to carry the flower erect. This variety will make a place for itself among all exhibitors. Bud after August 15 onward. Height 5 feet.

William Turner

The best variety we have ever introduced; it has created a sensation when exhibited at the shows. Makes a perfect ball of the purest possible white. One of the best commercial kind also.

Yellow Wm. Turner

A light yellow sport from Wm. Turner; identical with its splendid parent in every respect, except in color; will be one of the most widely grown yellows for this season.



STANDARD VARIETIES COMMERCIAL CHRYSANTHEMUMS

Price . . . per plant, 15c; per dozen, \$1.50; per hundred, \$10.00

Alice Day

An ideal commercial variety flowering October 10 to 20. Certificated in New York and Philadelphia on the commercial scale, scoring 87 and 89, respectively; color purest possible white, with no poor buds; medium sized foliage, which permits of rather close planting. One of the most perfectly formed varieties ever introduced.

Antique

A deep bronze sport of the favorite Dr. Enguehard. It is a duplicate of Enguehard in all respects save color. We recommend this variety to commercial growers where bronze varieties are popular. Treat similar to the parent in every way.

Autocrat

Color snow white; growth dwarf and robust. We offer this variety as a late white, believing it will take its place with growers who are unable to handle Jeanne Nonin, as it can be brought in for Thanksgiving or Christmas, if desired; every bud forms a perfect flower. Certificated C. S. A., Cleveland, November 10.

Bronze Unaka

A bronze sport of the popular Unaka and to the commercial men will be a very valuable acquisition, since there are no other bronze varieties coming in so early in the season, the first week in October. Color very attractive bronze; any commercial grower who can grow Unaka should also grow this bronze companion—which is a duplicate in growth, foliage, and everything else except color.

Chieftain

A beautiful, incurving pink of perfect shape. Certificated in Boston, Philadelphia and Chicago. Perhaps the finest incurved pink commercial variety in cultivation today.

Colonel Appleton

At one time the most largely grown yellow in cultivation. It is too well-known to need description.

Crystal Gem

Clear white, strong grower, very easily managed, with a high percentage of perfect blooms.

Chrysolora

This variety can be briefly described as an early Col. D. Appleton, coming in 15 days earlier; is of larger size, stronger stem, not quite as tall, and in color is intermediate between this variety and Major Bonnaffon. Best buds are those selected August 1 to 15.

Chas. Razer

One of the best known incurving whites.

Dr. Enguehard

Very largely grown as a late commercial pink.

E. A. Seidewitz

One of the best late-flowering pink 'Mums introduced to date. Can be had for Christmas, if desired.



WHITE CHIEFTAIN

Pure white sport of the variety Chieftain; duplicate of the parent in all respects save color, which is a pure white. One of the most valuable commercial varieties in cultivation at the present time.

Early Frost

Most popular early white, coming into flower September 15th, onward.

Golden Queen

Yellow variety, same color as Golden Glow; incurved in form. Matures about October 10th.

Golden Glow

Bright yellow. Can be had in flower almost all the year.

Golden Mistletoe

Owing to its lateness, this variety is valuable to the commercial grower. A light yellow sport from Mistletoe. Height 5 feet. Date of bud, September 30th.

Harvard

Japanese reflexed, very dark crimson; in perfection November 15th and later.

Improved Golden Glow

This variety we recommend with every confidence to those commercial buyers who are looking for something that is an improvement on Golden Glow. The chief objection to the latter variety is that it is often hard to have it make a satisfactory stem. In the improved form the budding habit is done away with entirely and every plant makes a fine stem 3 to 4 feet long before producing buds. It can be cut the first week in October having the advantage of Chrysolora by a week and producing a flower equally as large and satisfactory.

Joan of Arc

Very much like the old Pres. Carnot type. Stem is absolutely stiff and easily able to carry the flower erect; foliage continues right up to the flower. Blooms are enormous in size and another year it will occupy a prominent place in the list of reflexed white 'Mums. Height 5 feet. Crown bud, August 15th and later.

Jeanne Nonin

A splendid, late commercial white. If last bud is taken about October 1st, blooms can be had in perfect condition for Christmas.

Major Bonnaffon

Introduced many years but still a very popular commercial yellow.

Marigold

A monster yellow; flower unsurpassed both in size and color in its season; our first flowers of this variety were cut October 5th, this year. Must be secured on an early bud.

October Queen

Beautiful flower of purest possible white; very large size; strong stem and fine foliage.

October Frost

Blooms in early October and is the largest commercial white of its date.

October King

Deep golden yellow, petals most beautifully whorled as in the case of a well-grown flower of Wm. Rigby, and while the flower is not as large as that variety, it is fully ready to cut the first week in October. Any bud after August 1st; height 3½ feet.

October Herald

Orange-yellow, similar in color to Old Gold or Modello; reflexing form, with somewhat twisted petals.

Oconto

White; fine, large blooms on very strong stems; largely grown for its period, which is early mid-season.

Odessa

Bright yellow, incurving form. A seedling from Merza, but much cleaner in growth.

Orange Queen

A burnt orange in color, coming at Thanksgiving time, its color in keeping with the season. Loosely incurved form, maturing November 20th from September 10th buds.

*Price . . per plant, 75c ; per ten, \$6.00 ;
per hundred, \$50.00*

Polly Rose

Splendid white. Very easily handled and grown in large quantities for the wholesale market.

Patty

Very delicate, pleasing shade of pink. Good commercial variety and should be very popular. November 10th to 20th.

Roman Gold

Beautiful incurving bronzy yellow; excellent mid-season variety.

Pacific Supreme

Bright pink, coming into flower about ten days after Glory of the Pacific.

Smith's Advance

One of the earliest large-flowering white varieties; can be had by September 15th.

Tints of Gold

The earliest bronze variety to bloom. Can be cut in excellent condition September 25th.

Tekonsha

Incurving bronzy yellow coming in for Thanksgiving. Strong, upright growth and very distinct habit.

Unaka

The long sought early October pink Chrysanthemum. A broad-petaled Japanese incurved of great depth and size for so early a variety.

White Seidewitz

White sport of the popular Seidewitz, resembling it in every respect except color, which is a pure white. This variety should rank, as does its parent, as one of the best varieties for 'Xmas blooming.

Wells' Late Pink

One of the finest things sent out in its color in many years, flowering from November 10th onward. Crown bud after August 25th.

White Gloria

Pure white sport of Gloria.

W. H. Chadwick

White with a slight suffusion of pink; one of the most select blush-white market varieties; for Thanksgiving.

White Mistletoe

A commercial incurved variety maturing at Thanksgiving or later. White tinged with pink.

Yellow Polly Rose

A clear yellow sport of Polly Rose, for Thanksgiving.

Yellow Advance

Yellow sport of the well-known Smith's Advance coming in as it does the latter part of September. Yellow Advance is well worthy of a place in the early section which during the past year produced more adequate returns than the later varieties.

NEW DECORATIVE VARIETY



MRS. CHARLES H. PECK

This is a distinct and sensational acquisition as a Decorative variety. Color, brilliant bronzy-amber. If the grower wishes it can be disbudded to four or five flowers on a stalk; an exceptional variety in every way.

Price . . per plant, 50c ; per dozen, \$5.00

POT PLANTS, CAPS AND DECORATIVE VARIETIES

The following varieties are listed separately for the convenience of the buyer, and are all particularly adapted for pot plant work. These are the kinds usually grown for the wholesale markets in large quantities. They are often handled very satisfactorily by being planted out in the open ground in May, kept pinched into shape and potted September 1st. So treated they are a very profitable crop, blooming from October 15th to the end of the season, according to variety.

Price . . per plant, 20c ; per dozen, \$2.00 ; per hundred, \$15.00



SOURCE d'OR

Crimson Quintus

Excellent decorative variety; deep crimson, with splendid contrasting foliage of dark green.

Crimson Source D'Or

Crimson sport of Source d'Or, the showiest variety of all the decorative types.

Florence Stanton

Bronze, incurving variety, largely grown for pot plants.

Gaston Quineaux

Brightest, glowing scarlet-crimson; very fine. Dwarf, handsome grower, one of the very best in this section.

Lizzie Adcock

Deep yellow sport of Source d'Or. Precisely like the parent in every respect as to growth and culture.

White Mrs. Filkins

A pure white 'Mum, producing many flowers on a plant. Nice stiff stems, excellent for cut flower work and very novel in petalage.

Yellow Triumphant

Clear, bright yellow; one of the best to grow.

THE CAP FAMILY

Barbara Davis

A rich shade of reddish bronze, of dwarf habit.

Brutus

Beautiful shade of bronze, most useful as a specimen plant. Dwarf grower.

Belle Mauve

A good all-around variety; rose-pink in color, very largely grown.

Butler's Caprice

Deep pink sport of Caprice du Printemps.

Caprice Du Printemps

Rose-pink sport of Caprice.

Kathleen Thompson

The crimson sport of Caprice.

Lilac Cap

Deep lilac sport of Caprice.

Mrs. Greening

Pale pink sport of Caprice.

Purple Cap

Bright purple sport of Caprice.

White Cap

Pure white sport of Caprice.

Yellow Cap

Brilliant yellow sport of Caprice.

JAPANESE ANEMONE CHRYSANTHEMUMS

The Anemone 'Mums should not be confused with the Singles or Pompons. They are entirely distinct and are readily identified by the large central boss composed of a myriad of smaller short petals.

Prices . . . per plant, 20c ; per dozen, \$2.00 ; per hundred, \$15.00



CLEMENCIA

Deep pink, shading to a deeper pink in the center cluster; this latter is very prominent, since it is just crowded with petals and reaches across the flower about 4 inches.

Eleanor

A lovely, dainty shade of Enchantress-pink. Whether grown as a large-flowered variety or to be cut in sprays it is equally beautiful and should be in every collection.

Eugene Langaulet

Deep golden-yellow. Most popular variety in its color in the cut flower market.

Golden Lida Thomas

Rather tall, deep golden yellow flowers; very valuable on account of its late blooming habit. Can be kept for Christmas, if desired.

Graf Von Oriola

Strongest grower of the set; color pure rose pink; tubular petals in center tipped gold; ends of the outer petals incurve slightly, making a bold and striking appearance; very bright foliage.

Graf Von Fleming

This is a charming variety; color of the purest pale lavender; the petals of this exquisite flower are very narrow and refined; the outer petals are tubular until they reach the edges, where they open and droop back.

Godfrey's Perfection

Late variety which comes in excellent condition for Thanksgiving. Dwarf, robust habit, very stiff stem. Color of flower a beautiful, clear white.

Innocencia

Outer petals of pure white; central petals most beautifully flushed pale pink; edges of the tubular petals in center of light yellow. Fine growth; an exquisite variety.

Juno

Deep lilac, shading to white; the center head being loose and graceful and of a deeper shade than the outer petals; a magnificent variety in its color; foliage and stem all that can be desired.

Mrs. Owen Winston

Remarkably brilliant yellow, with a deeper center. This is a very handsome growing variety, clean cut and vigorous. One of the best to be grown for cut flowers for the commercial market.

Pepita

Pale pink on outer petals, with an orange-yellow center; a delightful combination as seen in this type of Chrysanthemum. This flower is much heavier than many of the other varieties; the petals being of such strong texture permits of its being shipped considerable distance and arriving in perfect shape.

Surprise

Brilliant rose-pink; one of the largest and very finest in this section.

Sunshine

One of the best late yellow Anemone 'Mums so far introduced. Can be grown in large quantities for the Thanksgiving market and has proved itself a variety for which there will be considerable demand.

Spring Hill

Blush white with yellow anemone center. This variety has excellent substance and petalage. The stem is very rigid and particularly valuable on this account both for cut flowers and pot plants.

FEATHERY, SPIDERY AND THREAD-LIKE VARIETIES

Price . . . per plant, 30c; per dozen, \$3.00; per hundred \$20.00

"Amaterasu" (The Sun Goddess)

Heavy quilled petals which follow no set design but twist and curl like a very informal Cactus Dahlia. Color is yellow, as the name implies.

"Benten" (Goddess of Beauty)

Quilled petals standing straight out from the center; color green gold at center with blood red tips; no Chrysanthemum introduced to date has the peculiar shadings found in "Benten."

"Daikoku" (God of Wealth)

Evidently a sport of Fugi, since it resembles it very closely, except that the petals are a combination of pink and pale green; each individual petal twists, showing the pink in one place and the pale green in another and when the whole flower is seen together it is very attractive.



"FUGI" (The Wistaria)

The largest of the entire set; pale lavender in color with very narrow petals hanging down 8 or 10 inches in length. Very refined type. Splendid foliage and stem.

Ju Jitsu

This 'Mum reminds one of the old fashioned peppermint sticks, inasmuch as half the petal is white and the other half deep pink. The petals alternating make this a most fascinating variety. Spidery type.



SAM CASWELL

Somewhat resembles White Thread, except that it is larger and the end of each petal is divided into three points; the color is a brilliant rose-pink and a spray of this variety is a pleasing and attractive sight. Feathery type.

"Tachibana" (The Orange)

Looks exactly like a mass of corn-silk and when the flower is removed from the stem it is impossible to believe it to be a flower, certainly no one would think it was a Chrysanthemum.

White Thread

A beautiful and interesting variety resembling nothing so much as a quantity of short white threads growing on a stem. In contrast with large varieties in any exhibition it always calls forth great interest. Thread-like type.

HARDY GARDEN SECTION

THE varieties that follow are all perfectly hardy, providing they are grown in a section that is not too wet. If the stock plants are water soaked all Winter, or frozen up in cakes of ice, they will not survive, but given congenial growing conditions and a slight protection of dry leaves with pine branches over them to prevent the leaves blowing away, they will come through without any trouble. Then in the Spring, after they commence to grow, they should be divided so just one shoot will remain to make the future plant. While the first frost will blast, the flowers that are developed at the time, it will not injure the unopened buds, and the outdoor 'Mums can be enjoyed to their fullest extent all through the lovely "Indian Summer" weather.



EARLY FLOWERING CHRYSANTHEMUMS

This type of Chrysanthemum deserves a place in every garden, coming as it does after the Summer flowers have begun to wane, and continuing to bloom profusely in most places until well into November. The cultivation of these 'Mums is simple: Plant them in a rich, well drained piece of ground, setting out the plants a foot apart and pinching them once or twice during the months of May or June. They will branch out and make beautiful bushes and give the cultivator more return for the labor expended than any plant in the garden. There is a place for this type of 'Mums in every garden in America, whether one has greenhouses or frames or not. Some growers who have grown these as pot plants have had great success with the same and we can recommend them highly for that purpose.

NOVELTY EARLY FLOWERING VARIETY

"CANDIDA"

This is the variety that is grown by the million in Europe, under the name of "Sanctity," etc., etc. The color is absolutely pure white and when grown without being disbudded produces masses of pure white flowers, which are wonderfully effective.

Price . . . per plant, 50c; per dozen, \$5.00

STANDARD VARIETIES

Prices of these varieties . . . per plant, 20c; per dozen, \$2.00; per hundred, \$15.00

Autumn Beauty

All shades of Autumn color are found in the blooms of this variety, and it is remarkably free in growth. The flowers are large and in full bloom October 1st. The habit of the plant is sturdy and we strongly recommend this variety to anyone desiring a fine, early flowering, bronzy-red variety.

A. Barham

A beautiful orange bronze and the first variety of this color to come into flower. Shows up wonderfully well under light when used as a decoration.

Belle Mauve

Mauve in color; a first-class variety; blooms early and is very free blooming.

Billancourt

Wonderfully strong, vigorous grower, plant makes a perfect bush; color brilliant terra-cotta, shaded bronze. A splendid variety in every way.

Carmelite

Deepest golden yellow; very free.

Chas. Jolly

Bright, rosy pink; splendid variety and popular with everyone.

Cranford White

Pure milk-white, blooming at the same time as Cranford Pink, which is late September.

Cranfordia

In this variety we have an early-flowering 'Mum' that covers every possible point; perfect in flower and stem; foliage up to the flower and every plant will carry twelve to twenty beautifully finished flowers. Color deep, bronzy yellow.

Debutante

Pure white in color, perfect in shape and if the plant is pinched until July 1st will give quantities of snow-white flowers on stems amply long enough to use as a cut flower.

Firelight

Brilliant carmine, shaded with scarlet. In perfect condition to cut October 1st, either outdoors or under glass. The earliest and best thing in its color.

Glory of Seven Oaks

Golden yellow; dwarf growth. Very free flowering.

Hortense Malgat

Color a magnificent pink. In full flower October 1st. One of the choicest varieties we have. Very productive.

Henri Vincent

This variety proved itself to be by far the most profitable Chrysanthemum we have had in our greenhouses, coming into bloom as it does October 1st.

Helena

Chestnut, shaded gold, with edge of petal tipped gold. In full flower September 18th.

L'Argentuillius

Deep chestnut shaded crimson; coming into flower October 8th. Very strong grower and free producer.

L'Aisne

Violet purple; dwarf; sturdy habit and free flowering.

Mrs. Harrison Craig

One of the most unique colored varieties we have ever handled or disseminated, the ground work of the petals being yellow overlaid with brilliant, orange-crimson, which on first inspection looks as if it were fine powder sprinkled over the flowers.

Mrs. Dean Emery

Color, brilliant chamois-pink, on the style of Le Pactole; flower exceptionally large and distinct, and wonderfully lasting. Stem and foliage ideal.

Mme. Marquis

Blush-white, fully developed October 1st. Amply repays for disbudding and good care.

Petite Jean

On the same order as Perle Chatillonaise, but comes into flower about a week later. Color, pure white with a light yellow center.

Smith's Advance

One of the earliest of the large-flowering white varieties that can be gotten in by September 15th, and blooms profusely in great masses in the hardy garden by October 1st.

Source D'Or

Sometimes called "Golden Feather," a wonderful variety when grown in sprays or as a pot plant. Deep reddish-bronze.

Tints of Gold

The earliest bronze to flower, and makes a wonderful glowing bush if not disbudded. When the individual flowers are disbudded they will produce flowers as large as the greenhouse sorts.

Yellow Advance

The yellow form of Smith's Advance, identical in every respect except color, which is a bright golden yellow. Flowers very large and full.



NOVELTY SINGLE CHRYSANTHEMUMS FOR 1923

The wonderful array of color and universal satisfaction that this type of 'Mum gives, commends it to all lovers of flowers, in every section of the country. There are so many charming varieties now in cultivation that it seems almost impossible to improve on them — yet the following will be found an acquisition to any garden.

Price . . . per plant, 50c ; per dozen, \$5.00 ; per hundred, \$35.00



ARABY

A pure white seedling of very vigorous habit and growth. A decided improvement on Mensa, the petals are of excellent texture and the flower is a very fine keeper and shipper.



MRS. F. NORRIS COLLINS

Mrs. F. Norris Collins

A bronze sport of the popular Grant B. Schley. A splendid deep rich bronze with golden yellow center. One of the finest Singles we have introduced in many years. Rather a tall grower, attaining a height of 5 to 6 feet.

Lizzie Monson

A crimson Single, so brilliant in color as to approach the much desired scarlet. A very fine sturdy grower, and most attractive.

Godfrey's Bronze

A scarlet bronze, with shiny yellow zone in center. A specially strong robust grower, and very free flowering. Form, ideal grown as a pot plant, and splendid foliage.

Ethel May Johnson

Clear shiny bronze, rather tall grower, but very distinct and striking in color. Disbudded this variety will give flowers 7 to 8 inches across. Greatly admired at the flower shows.



ETHEL MAY JOHNSON



JOAN MARIE PIPER

A very distinct variety of coppery bronze. The petals do not open flat as is the case in most Singles, but remain tubular until a week or so after the flower opens, when the tips of the petals show a rich crimson color. One of the daintiest and most novel Singles of our entire collection.

Price . . per plant 50c ; per dozen, \$5.00 ; per hundred, \$35.00



SINGLE CHRYSANTHEMUMS STANDARD VARIETIES

Price . . per plant, 20c ; per dozen, \$2.00 ; per hundred, \$15.00

Alice Howell

A rich shade of orange-yellow in color. By far the most attractive of any of the yellow single varieties.

Anna H. Condict

Greatly resembles Glorianna in color and shape, though the flower is considerably heavier as to texture and more artistic in arrangement of flowers on the stem. Dark heavy foliage, and very rigid growth.

Beatrice

Brilliant old-gold with lighter shadings in the center; one of the most popular varieties ever staged on the exhibition table. Foliage broad and glossy and stem very rigid.

Bertha Fairs

Brilliant rose-pink; one of the earliest to come into flower with us, as it was fully open around the third of October. Valuable as a garden variety on account of its early season of blooming. Color most exquisite.

Bronze Buckingham

When we say this variety is a duplicate of its parent in every respect except color, little more description is necessary, for Buckingham is one of the best known Singles. Color is a cheerful glowing bronze, and the commercial growers who are handling Buckingham for market flowers, will welcome this bronze companion with open arms.

Bronze Molly

Color clear tawny yellow. A Single that is enormous in size both as to flower and plant. The plant under favorable conditions will attain a height of 6 feet clothed from top to bottom with luxuriant foliage. Individual flowers without disbudding will run $4\frac{1}{2}$ to 5 inches across. This is an English raised variety and a giant in every way.

Charles Fairs

Bronze, with a very stiff outstanding petal and compact, dwarf habit. The stem is stiff and the foliage dark and luxuriant. A splendid keeper and shipper and one that will make its own place. Was the most attractive of all the bronze varieties we grew this year.

Charlotte Waite

Deep rose-pink, with bright yellow center. This variety has been grown outside the last three years, and is absolutely hardy. Splendid dwarf habit which does not require staking. Plant will make a round, compact bush 2 to 3 feet across, and when fully in flower, its lovely pink blossoms are a sight not easily forgotten.

Countess Egmont

A splendid amber-bronze with a lighter shading in the center of the flower, conforming in all respects with the very finest types of Singles, that have made the name of Totty famous. Stem and foliage ideal in growth and habit.

Dainty

A seedling from the old Indicum, and for those who are looking for something different for made-up work, such as dinner table or basket decoration, will be of great service. It is a fine, compact grower, good either as a pot plant, or planted out in the open. It has very delicate stems, but as stiff as wire. The flowers are a pleasing yet somewhat strange combination. The buds are reddish bronze, the opening flowers a yellowish pink, and the full open flowers a delicate rose pink. The flowers are small and Daisy-like. It is altogether a simple and beautiful variety and well named "Dainty."

Excelsior

A gorgeous variety. When first opening almost a scarlet, which afterward changes to bronze and flame color. One of the very largest and most attractive singles ever introduced.

Fernridge

When first opening it is practically a brilliant scarlet, which gradually fades to a terra-cotta. Light graceful growing variety and in color, one of the most attractive ever sent out, as a bright gold zone around the center makes a beautiful combination of scarlet and gold, not often seen in a Chrysanthemum.

Genevieve

Vivid deep spinel red. Flowers very large and most attractively arranged on the stems. If slightly disbudded will give flowers 6 inches across, about seven on a stem. Fine stiff stem and handsome foliage.

Gladys Duckham

One of the largest whites of the Mensa type.

Glorianna

Bronzy amber with pink shadings. Plant is an excellent grower with perfectly stiff, erect stems. Free flowering. A most desirable all-round variety. Awarded a Certificate by the Chrysanthemum Society of America.

Golden Mensa

The parent of this variety, Mensa, is probably the finest Single that has ever been raised. It is of a wonderful size, with enough petalage to enable it to be shipped thousands of miles and come out of the box in perfect condition. In Golden Mensa we have a yellow sport of the same, identical with Mensa in every way except color, which is a bright, golden yellow.

Grant B. Schley

Late variety, growing considerably taller than the average Single; splendid for Thanksgiving and later. Color, lovely combination of orange gold, changing to bronzy scarlet. Created more favorable comment than any other variety in our exhibition house this Fall.

H. Marie Totty

We consider this the finest Single we have ever had the pleasure of introducing. Color is a brilliant crimson, with scarlet shadings near the center of the flower.

Helios

Chestnut-scarlet, occasionally flecked with yellow at the tips. The individual petals twist back making the flowers look as though the petals were quilled. Foliage and stem particularly pleasing.

Isabel Felton

Classed in Europe as the very finest yellow; with us, the growth is rather tall and the flower has considerably more color than Golden Mensa.

Ivor Grant

A splendid rose pink, single, with a white zone around the brilliant yellow center. A very valuable addition to the many wonderful pinks already in cultivation.

Josephine Scholtman

Pale lilac in color with white zone around the immediate center of the flower. This variety was well shown at the Cleveland exhibition, where it was much admired, on account of its delicate shadings.

**IDA CATHERINE SKIFF**

Most quickly described as a greatly improved Yvonne; color is a brilliant bronzy amber, flowers large and well placed on the stem, needing no disbudding owing to the length of the foot stalk; an invaluable variety for cut flower work.

Kathleen May

Very brilliant crimson, with some six rows of petals, making the flower almost too heavy to be called a Single, although it has the open center of the Single types. Stiff stem and foliage ideal.

Kitty Riches

For years we have been trying to produce a pink single that could be brought into the market early and in this variety we have achieved our ideal. The color is a dainty pink, much like Mrs. Buckingham, and sells on sight.

Larchmont

Creamy-white with pale lavender edges. This Single is unique in its habit of growth on each individual flower. The outer or lower row of petals spread out considerably, then the succeeding rows of petals over this gradually reduce in length of petal until the center of the flower shows up. The little short lavender petals form a collar around the daisy like center of the flower.

Lily Neville

White, of great substance and size, with solid flowers nicely arranged on the stems. This variety is also adapted for pot plants as well as cut flowers, since it is a dwarf, stiff grower.

Louis Spears

Brilliant chestnut-crimson; plant a very strong grower, needs to be disbudded as the flowers are rather closely placed on the stem.

Lady Astor M. P.

A splendid deep crimson much the finest thing we have had in this color. Lady Astor is a late blooming variety and can be brought in for Thanksgiving very easily if desired.

Margaret Waite

A deep, pink sport of the well known late pink single, Mrs. E. D. Godfrey, differing from the parent in having extra petals and a much deeper and more pleasing color.

Mensa

Purest white. This is a splendid variety. Certificated by C. S. A.

Miss Isabelle

A sport of Mrs. E. D. Godfrey, and come to maturity for Thanksgiving Day. Bronze color with a silvery reverse to the petal.

Millicent Piper

Most quickly described as an earlier Mensa, coming into boom 10 days before Mensa. This variety was in the market and sold before Mensa was ready to ship and proved itself a most profitable sort.

Mildred Presby

Color bright lavender pink, with petals curling slightly toward the tips giving the flowers a novel appearance. Magnificent foliage and stiff stem all go to make this one of the best introductions to date.

Miss Ruth S. Bergen

Brilliant amaranth with a straw-yellow zone around the center. This variety was raised outdoors without having ever been grown in a greenhouse and is particularly strong and healthy.



MRS. MAX BEHR

Shiny chestnut scarlet; very dwarf grower and the flowers are closely placed together, therefore, should be slightly disbudded to give best results.

Mrs. Clifford Brigham

This variety has but a single row of petals, but the color is so very fine and bright we cannot ignore its claims. This is the nearest approach to scarlet we have in 'Mums and the color is greatly enhanced by the deep yellow center. Most effective in collections.

Mrs. W. E. Buckingham

Midseason pink, has proved itself one of the best varieties for cutting or market purposes ever introduced.

Mrs. Charles Cleary

Brilliant bronzy-red with yellow zone around the center. Stem is very stiff and habit of the plant very fine.

Mrs. E. D. Godfrey

Light pink; same shade as Lady Hopetoun; very finest variety for Thanksgiving market; very strong grower and more largely grown than any other Single.

Mrs. C. S. McKinney

Bright buttercup yellow. A superb variety in all respects. This has several rows of petals and a deep green center—a charming contrast. Stiff stem and nice foliage.

Mrs. Albert Phillips

Deep lavender in color, one of the earliest of the Singles to develop this year; fully open October 5th. When first opening the contrasting color is a lovely cream, charming and beautiful.

Mrs. John A. Stewart, Jr.

A lovely bronze with yellow zone immediately around the center disc; just the color that associates itself with Autumn foliage.

Mrs. Lou Thompson

Primrose-colored sport from Mensa. Must not be confused with Golden Mensa, which is considerably deeper in color.

Mrs. W. H. Waite

The flowers open a soft Enchantress Carnation pink and when fully expanded, are pure white. The combination of the two colors, of the opening, and full open flowers, make a charming combination.

Mrs. E. H. Wells

Petals creamy white in center shading to palest lavender on outer edges; refined and beautiful flower, the admiration of all who have seen this variety both in greenhouses and at the exhibitions.





Phyllis Bryant

Sulphur yellow. The flower is absolutely perfect in outline and one of the very finest yellows.

Portia

Deep salmon bronze, shading in center to a bright flame; splendid habit. This variety created a sensation wherever shown at the Fall exhibitions.

Richard Delafield

Exceptionally novel in color; a very deep terra cotta with scarlet shadings. One of the most brilliant varieties we have ever distributed. When shown in conjunction with a white variety the effect is marvelous.

Roupele Beauty

True American Beauty in color, very large flowers with bright yellow center; very attractive flower and novel color.

Rose Walker

Most distinct flower in the collection this year; color bronzy-red, with flowers twisted on the edges like a Cactus Dahlia, and tipped blood-red; some of the petals have this latter color running through them.

Snowflake

Purest white. A large, splendid flower that is most attractive. Not so liable to disease as Mensa and is consequently preferred by exhibitors to that variety.

Stanley Ven

Lovely rose color; sprays are well divided, doing away with the necessity of any disbudding. Certificated at Philadelphia, Boston and Chicago. This variety has been on the market five years, but we have been unable to find anything to displace it in its color, to date.

Vivian Cook

A delightful addition to the already large list of yellow; coming in as it does a week before Golden Mensa, with a larger flower, it fills in nicely; the color is a brilliant canary yellow, somewhat different from any other yellow ever sent out.



ROSE M. DALY

The plant makes long, graceful sprays on fairly wide foot-stalks. The color is a splendid deep yellow, deeper than any other yellow variety in the house this year and we highly endorse this variety to give entire satisfaction to anyone growing it.

Yvonne

Brilliant, bronzy amber, on the style of Dorothy Dann, but a shade lighter in color. The texture of the petals is hardly as good as other bronze varieties we have distributed, but Yvonne still retains its popularity with most growers as one of the best of the lighter bronze Chrysanthemums.

Supreme

Glowing crimson; much the finest thing in this shade we have ever introduced. Flowers are well divided on the stem and need no disbudding as they are extra large in size. Supreme will be the standard crimson another year.



NOVELTIES IN IMPROVED POMPONS

These varieties, blooming as they do in Mid-October and early November, can always be depended on to give pleasure to the grower. The individual flowers are about four times as large as the ordinary old-fashioned Pompon, and grow on sprays with several flowers to each spray. They cannot be surpassed for decoration in the home since they have a variety of color and are practically the last garden flowers to bloom.

Price . . . per plant, 50c ; per dozen, \$5.00 ; per hundred, \$35.00

California (Shibuya)

One of the most beautiful Pompons ever exhibited. The flower when first opening is a fine rose-pink with clear bronze center. As the flower develops the reverse of the petals lights up the center of the flower. Particularly beautiful under artificial light. The foliage is green and vigorous, and very dainty in form, being entirely different to the ordinary Chrysanthemum.

Mrs. Charles H. Stout

An improved Pompon, one of the hardest and most satisfactory to grow. When first opening is a delicate bronze with a lovely deep pink center. As the flower develops this color fades out to the tiniest pin point of lavender on the tip of each petal, making a wonderfully striking color. Very dwarf in growth, and can be specially recommended as a pot plant.

Mrs. Roland Voigt

A welcome addition to the already numerous pink varieties of Pompons that we have distributed the past three years. This variety is ready to cut outdoors the last week in October, and is a lovely deep lilac pink in color, which retains its color under the most adverse weather conditions.

Mary Ferguson

One of the earliest Pompons to develop, and particularly valuable on that account. Color clear light pink, flecked and flushed with a yellowish bronze. A most attractive variety, and a very dwarf grower.

TOTTY'S
4 EAST 53rd STREET
NEW YORK

IMPROVED POMPONS OF RECENT INTRODUCTION

Price . . per plant, 30c; per dozen, \$3.00; per hundred, \$20.00

Adelaide

A splendid deep, rich mahogany; one of the earliest to develop, being ready to cut by October 10th. Strong, healthy grower and a desirable variety in every way. About 4 feet high when well grown.

Bronze Doty

Deep terra-cotta bronze, like both of the foregoing varieties of the Doty family, it is also of splendid habit, stiff in stem and free flowering. The deep terra-cotta red is enhanced considerably by the old-gold shadings throughout the petals.

Connie Dick

This has been aptly termed the "Yellow Doty." It is almost identical in every respect except color, which is a clear glowing yellow; very striking in contrast with other varieties. We feel that Connie Dick is the most valuable variety ever introduced in the large flowering Pompon section, as the habit is ideal; growth strong and stiff stems with glossy foliage, a fascinating variety seeming to possess every desirable quality.



ANNA L. MORAN

Of all the many Chrysanthemums we have distributed the last fifteen years this is our favorite in the Pompon section. The color is splendid—a brilliant, flame-scarlet, so vivid as to be easily the most striking flower in the entire collection. The individual flowers on this Pompon are large, on the order of the Doty type.



FRANCES HUCKVALE

Gardenia white, with a creamy shaded center. Far in advance of Queen of the Whites, or any other Pompon.

Captain Cook

Taller in growth than the average Pompon, running the same as Lillian Doty. First Pompon to open and the color is a lovely shade of rose-pink. Far ahead of anything else in its color at the time of blooming.

Clara Jameson

Lovely combination of bronze and scarlet. One of the showiest varieties in our garden this past Fall; keeps blooming profusely even after heavy frost.

Florham Queen

A lovely blush white; flower is almost a globe when fully expanded. Ideal in growth and the arrangement of the flowers on the spray is superb, as the buds are well separated and have ample room for development with little, if any, disbudding.

Harriet Sykes

A lovely, dwarf rose-pink that was much admired with us. This variety will make an ideal pot plant and will be very useful coming in as it does about a week before Western Beauty, which it resembles in style and color.

Helena Flint

Rich old gold in color; and a duplicate of Doty in form, growing habit, foliage, etc., etc. A very fine acquisition to the Doty type, we have been growing for a number of years.

Indian Hill

A stocky, stiff-stemmed variety; deep yellow flecked throughout with crimson which gradually fades out as the flower ages.

Red Doty

Wine red with a silvery reverse on underside of petals and showing up distinctly in the short crisp center petals. A duplicate of Doty in form, habit and three times as large as that favorite variety. One of the finest, if not the finest, we have distributed in several years.

Mrs. G. W. Wickersham

Snow-white in color with nice stem and foliage, this variety will rank high among the Hardy Pompons of which we have introduced so many in past years. Ready for cutting November 1st.

Mrs. Henry F. Vincent

An exquisite shade of fawn and bronze with salmon-pink shadings, a color that was one of the most popular shades in New York during the season just past. This variety also is very strong in growth and the foliage is perfect in every way. We predict this will be one of the most popular Novelty colored Chrysanthemums when generally introduced.

Mrs. Nellie Kleris

This variety is an improved Lillian Doty, but the color is more evenly diffused over the flower. The blooms are equally as large as Lillian Doty, but better divided on the stems. A fine, sturdy, dwarf grower.

**MRS. H. HARRISON**

One of the first of the Pompons to come in flower, being in excellent condition to cut outdoors the middle of October. The color of this variety indoors is a dainty, exquisite blush. As grown outdoors it is several shades deeper. Mrs. Harrison has a very vigorous constitution and makes a beautiful bush outdoors.

Julia De Witt

Bright bronzy-amber with deeper shadings. A dainty and exquisite variety.

Nelma Putnam

The outer petals of this variety are rose-pink shading to pinkish-bronze in the center, and the very center of the flower is creamy-yellow. The color effect is very pretty.

Mrs. Francis H. Bergen

Creamy white with center of rosy pink, shading to lighter pink in the outer edges. As the flower ages it changes to a charming pale lavender. We consider this the most valuable of the many sorts introduced for garden work; blooms October 25th.

Sardi Vorro

A unique color, brilliant salmon shading to shining bronze; dwarf in habit, not over 2 feet; one of the first to bloom in the garden and one of the most cheerful in appearance.

Shaker Lady

Bright tyrian pink and one of the best we have introduced. Strong, healthy growth with the flowers well placed, showing up the individual flowers to the best advantage. Named in Cleveland in honor of one of the garden clubs of that city.

Traveler

A robust, strong-growing white with beryl center. Short, crisp petals; one of the varieties that will ship anywhere and arrive in perfect condition with none of the flabbiness that characterizes some varieties, hence the name of Traveler.

**MRS. CHESTER ROBINSON**

This variety is a very tall, strong grower, running 4½ to 5 feet tall in the benches. Flowers are very large, as large or larger than Doty, which it somewhat resembles, though it is deeper in color, being a lovely old rose shade of pink. Exceptionally robust in growth, with the stalk rigid and every flower well divided on the stem, so that no disbudding is necessary.

THE MADISON COLLECTION

proved so satisfactory to many of our customers last year that we are repeating the offer again this season. For anyone having a small garden and desiring flowering plants from early summer to late fall, the following list is unequalled.

25 Assorted Chrysanthemums, comprising all types, Early Flowering, Singles and Pompons.....	\$3.00
6 Rose plants, in six varieties, Hybrid Tea Types, all colors.....	6.00
6 Assorted Iris Plants.....	1.50
3 Hardy Carnation Plants, suitable for cut-flowers all season.....	1.50
12 Heliotrope plants, all varieties.....	2.50
5 Mignon Dahlia plants, assorted colors.....	1.50
6 Mixed Dahlia bulbs, fine varieties.....	.50
20 Gladioli Bulbs.....	3.00
3 Delphinium plants (two year old clumps).....	1.50
	\$21.00

In the above collection, the Chrysanthemums, Roses, Iris, Carnations and Delphiniums are entirely hardy and can be carried over from year to year with a slight protection of leaves.

The Mignon Dahlias, Mixed Dahlias and Gladioli bulbs can be lifted in the fall and stored in a root cellar or cool place and replanted the following spring.

Once the above collection is purchased you will have quantities of flowers all year and for many years.

We will deliver the above, to any address, at the proper time for planting outdoors for..... \$15.00

Half the above collection..... 8.50



HARDY POMPONS

STANDARD SORTS

Some of the best known old favorites are included in the following list and many will bloom outdoors up to Thanksgiving.

Price . . per plant, 15c ; per dozen, \$1.50 ; per hundred, \$10.00

Baby

Everybody's favorite. The smallest yellow variety grown.

Baltimore

Violet. Violet red; large single; quilled petals.

Baby Margaret

Said to be a pure white sport of Baby; a very beautiful thing.

Becky McLane

Small bronze late flowering Pompon, in full flower for Thanksgiving or can be held later if desired.

Christmas Gold

This variety is a small golden yellow and does not flower until December, making a very valuable late flowering sort.

Delphine Dodge

Rose pink variety, changing to a creamy white, shaded lavender as flower ages.

Donald

Light pink; very fine grower, large and sturdy, flowering outdoors in a sheltered situation up to Thanksgiving.

Doris

A bronze variety with very short crisp petals that gives universal satisfaction.

Golden Firebrand

Deep golden yellow variety, in full flower September 25th. The earliest variety we have.

Golden West

A duplicate of the Yellow Baby, except that it is twice as large. A prize winner at Cleveland and Chicago.

Golden Climax

Orange yellow. In our opinion the finest of the many yellows now in cultivation, possessing every necessary qualification. This variety has been admired more than any other variety in the exhibition, particularly at Chicago. Truly named, as it does not seem possible to improve on this variety.

Hilda Canning

Reddish bronze, button Pompon. Very fine sort.

Julia LaGravere

Crimson maroon; for cut flowers. One of the best.

Lelia

Splendid scarlet bronze in color; tall, handsome flower, quite large in size.

Little Gem

A beautiful shade of clear lavender pink, with long sprays of flowers, growing about 2 feet in height.

Lillian Doty

It is much the finest pink in the large flowered section of the entire Pompon family. The plant is a tremendous grower and will make stems 4 and 5 feet long, producing beautiful sprays of clear, light pink flowers.

Meg

Wine red shading to deep garnet. A colorful sort.

Mrs. Frank Wilcox (Mrs. Frank Beu)

Color, reddish-orange, splendid variety for Thanksgiving use.

Nippon

This Pompon makes an ideal pot plant, being short-jointed and bushy in growth, forming a perfect plant with practically no pinching. Color flesh white, with light yellow center. We strongly recommend this variety for either pot plants or bench culture, as well as being one of the best outdoor varieties we ever introduced. Season of flowering, first week in November.

Niza

Delicate pink in color; the earliest of this color mature; dwarf, beautiful grower.

Queen of the Whites

Fine, creamy white; best in its color.

Quinola

Deep yellow, one of the favorite varieties in its color.

Rena

Rose-violet, somewhat the same shade as Baltimore, but altogether larger and better flowers; more perfect in shape and keep a long while in good condition after being cut. Splendid in its color.

Rose Trevenna

Rose colored Pompon; much deeper in color than the usual pink sorts.

Romaine Warren

The color is orange-bronze. It is a clean grower of medium height and makes very attractive flower sprays, carrying the flowers well apart.

Sidney Mitchell

A splendid addition to the already long list of fine, yellow Pompons, coming into flower a week earlier than Golden Climax. Proved itself to be in our trial ground a variety well worth introducing.

Skibo

Very handsome bronze. Small flowered kind.

Susquehanna

Very fine yellow, flowers gracefully irregular in outline.

Thelma

Bronzy red; unique in color among Pompons, being about the same shade as Billancourt, the early-flowering variety. The flowers are semi-circular in shape, the individual flowers being well divided and the ensemble of the plant most pleasing.

Uvalda

Pure glistening white Pompon, in full flower October 5th. A fine early flowering sort.

Viola

A rich violet red.

Waco

A very fine white variety with splendid stem and foliage; a well known sort.

Western Beauty

A deep rose-pink, rather late for the shows, but one of the best Pompons ever introduced.

White Doty

A sport of the popular variety, Lillian Doty, and a duplicate of the parent in every way, except color which is pure milk white. This is a hardy plant that will grow outdoors just as well as in the greenhouse, and will give the grower wonderful results grown either way. Every stem on the plant carries a spray of eight or ten perfect flowers, and with its bright, glossy, green foliage and stiff erect growth, this charming variety fascinates everyone.

Wm. Westlake

Golden yellow. An old variety that is still deservedly popular.

Yellow Gem

Large, full flowers; pure yellow.

Zenobia

Pure yellow. Comes into flower first of all.

SPECIAL OFFER

**Our selection of one hundred assorted plants of
the above varieties for \$9.00**

CARNATIONS—STANDARD VARIETIES

Prices for Rooted Cuttings . . . per plant, 12c; per dozen, \$1.25; per hundred, \$8.00

Price for Pot Plants, 2½ in. . . per plant, 15c; per dozen, \$1.50; per hundred, \$12.00

Except where otherwise noted.



PINK

Mrs. C. W. Ward

Deep pink, large, perfectly formed flower with full center. Very popular in all the wholesale markets.

Enchantress Supreme

Color is a light salmon pink several shades deeper than the original parent, Enchantress, and this variety persists in the bright sunlight without fading. It is better than Enchantress in every way. We cannot too strongly recommend this variety. Calyx is a non-splitter, and the plant is just as productive as the old Enchantress.

Pink Benora

In this variety we have a sport of Benora that is rejuvenation in every way of its parent. The growth is much stronger and the flower is heavier with a perfectly stiff stem. In Benora the ground color of the flower is white and in this variety it is pink.

SCARLET

Belle Washburn

Brilliant scarlet, about 4 inches across, non-bursting calyx, free and continuous blooming variety. Very stiff stem.

LADDIE
This Carnation has established itself in the unique position of being worth more now than when it was introduced. The color is a warm rose-salmon pink; the flowers average 3½ inches in diameter, when it is at the proper stage for cutting, and develops to 4½ inches in Winter. The keeping qualities are beyond question away ahead of any Carnation yet introduced. The plant is a splendid grower and the blooms very prolific.

Price for Rooted Cuttings, per dozen, \$3.00; per hundred, \$20.00

Price for Pot Plants 2½-in., per dozen, \$4.00; per hundred, \$25.00

Maine Sunshine

This variety is a clear yellow seedling. Its chief point of superiority is its splendid vigorous habit. Most yellow Carnations introduced heretofore have been lamentably deficient in constitution and "Maine Sunshine" is very popular on account of its fine growing qualities.

Price for Rooted Cuttings, per dozen, \$3.00; per hundred, \$20.00

Price for Pot Plants 2½-in., per dozen, \$4.00; per hundred, \$25.00

WHITE

Thomas Joy

The reliable white. Possibly, the freest and most consistent bloomer ever introduced. A non-splitter and a white that is always true in color with no streaks or changes of color at any season of the year. The edges are slightly serrated and the flowers are perfect in form. Free and constant in growth.

Matchless

Well named the Matchless White Winner of two gold medals at the International Flower Show, New York, 1913. Blooms early and continuously; should line up as a great commercial variety. It seems to be easy to handle and very free. Flowers extra large, wonderfully fragrant.

White Enchantress

Of the pure white strain. Splendid variety; satisfactory in all seasons.

VARIEGATED

Benora

Clear white, penciled bright red narrow foliage; very free, vigorous variety.

TYPES OF HARDY CHRYSANTHEMUMS

Early Flowering Singles and Pompons

For the benefit of amateurs and customers not familiar with the different types of Hardy Chrysanthemums, we have prepared the color-page opposite showing the different varieties all of which are entirely hardy. We have made a special offer of —

100 Assorted Hardy Chrysanthemums, to include some plants of all types, of the Early Flowering, Single and Pompon kinds, for the past three years and this offer has proved so popular that were again repeating it this year and will send this quantity of plants, as above listed to any address for \$12.00

This is a special price and if individual plants of Hardy Chrysanthemums are purchased from other parts of the catalogue the price on same will be as listed in their particular section, in other words this Special Offer of 100 plants for \$12.00 holds good, only when we make the selection.

We will endeavor to give as wide an assortment as possible in color, etc., in all cases, altho if a customer prefers more of some one color and will mention the fact when ordering we will meet his wishes in the matter.

CULTURE

The plants will be from $2\frac{1}{2}$ " pot plants when delivered about May 15th, and can then be set out in the garden about a foot apart. A well drained piece of ground is most suitable, altho not absolutely necessary, since any ordinary garden soil will grow Chrysanthemums, satisfactorily.

If the tip of the plant is pinched out once or twice during the month of June, it will permit them to branch out and form nice bushes. The types listed will flower in September, October and November, when all other flowers in the garden are practically dead and useless.

COLLECTION

Price . . . per hundred plants, \$21.00



ASSORTED HARDY CHRYSANTHEMUMS

NOVELTIES OF 1923 INTRODUCTION

GREENHOUSE ROSES FOR FORCING

GRAFTED			OWN-ROOT		
Per Plant	Per Dozen	Per 100	Per Plant	Per Dozen	Per 100
2½-in. \$1.00 . . .	\$10.00 . . .	\$60.00 . . .	2½-in. 75c . . .	\$7.50 . . .	\$45.00 . . .
3 -in. 1.20 . . .	12.00 . . .	70.00 . . .	3 -in. 85c . . .	8.00 . . .	50.00 . . .
4 -in. 1.30 . . .	13.00 . . .	80.00 . . .	4 -in. 90c . . .	9.00 . . .	60.00 . . .

“AMERICA”

“The Rose of the Century”

THIS superb Rose for which the Horticultural world has been waiting for the past two years is now ready for distribution, and we consider it a great privilege to help the E. G. Hill Company in its dissemination.

No Rose has ever been raised that will compare to this as a force. It is by far the most vigorous grower on our establishment, producing absolutely no blind wood, and growing so freely that practically every flower grades up into the fancy class.

We cannot find a fault with this Rose; size, form, freedom, color, stem and foliage being alike, ideal. The color is an absolutely pure rose-pink that never under any circumstances turns blue, and the fragrance is unsurpassed.

“America” is a seedling raised by Mr. E. G. Hill, who gave us Columbia Supreme, Madame Butterfly, etc., etc., and he considers it the crowning effort of a long and successful career as a hybridist.

Every bud of “America” produces a perfect flower, no matter how strong the growth, and this fact alone puts it far ahead of Columbia, or any other variety of its type.

Winner of numerous Silver medals and Cups wherever shown.



HILL'S AMERICA



AMELIA GUDE

A medium size Rose which blooms freely all Winter. The buds are long and pointed and as yellow as Mrs. Aaron Ward. The open flowers resemble Sunburst. A great improvement over either Rose in productiveness, sure to be popular with the grower because of its easy culture.

Either as a bud or open flower this Rose is charmingly beautiful.

STANDARD VARIETIES OF ROSES FOR FORCING

GRAFTED

2½-in.:	50c per plant, \$5.00 per doz., \$40.00 per 100
3 in.:	60c per plant, \$6.50 per doz., \$50.00 per 100
4 in.:	75c per plant, \$7.50 per doz., \$60.00 per 100

OWN ROOT

2½-in.:	30c per plant, \$3.00 per doz., \$20.00 per 100
3 in.:	40c per plant, \$4.00 per doz., \$25.00 per 100
4 in.:	45c per plant, \$4.50 per doz., \$30.00 per 100

Angelus

White with cream tinted center. A big, rounded rose, like Premier in form but with higher center, very lasting and fragrant. Foliage dark green, disease-resistant. A vigorous, upright grower and free in bloom. Resembles Kaiserin Augusta, but is quite full, and a good keeper.

Cecil Brunner

Known under various names, such as Sweetheart, Mignon, etc. Is a dainty, miniature rose. Light pink in color, and every greenhouse should have a few plants of this beautiful little rose.

Columbia

This variety sends up quickly numerous stiff stems which are of good length without pinching and naturally throws long, stiff stems. It is a free grower with beautiful foliage, the leaves spaced just right to please a cut flower grower and to form a fine setting for the bloom. Color true pink; a peculiarity of the variety is that the shades all become more intense until the full maturity of the flower is reached.

Crusader

A rich, velvety crimson; fine, strong-growing variety excellent flower stems and produces very little blind wood. For its size, a prolific producer.

Columbia Supreme

This variety is a sport from Columbia and has all the desirable characteristics of that variety with an even freer growth and habit. The foliage is dark and lustrous and is immune from all diseases that Rose plants are heir to. The color of the flower is entirely different to Columbia, running in cool weather as deep as Killarney Brilliant.

Double White Killarney

There are several strains of Double White, but this stock we secured from a sport of Double Pink Killarney, and it is the finest type we have seen. In some soil Double White does not produce as many blooms as the Single White Killarney.

Golden Ophelia

The color is by far the finest of any yellow Rose so far produced. The flowers are not so large as Sunburst but are produced in endless profusion. The growth is free and robust and the plant does not seem readily affected by mildew or spot. The color is a deep rich yellow throughout the entire flower.

Hadley

Deep, velvety crimson, retaining its brilliancy at all seasons of the year; strong, rigid growth and flowers borne on long, stiff stems; has proved itself a first class forcing variety.

Hoosier Beauty

A rich, velvety crimson in color with deeper shadings. It is as fragrant as Richmond, has more petals and better keeping qualities. The glowing color, sweet scent, well shaped buds, large, full flower, long keeping qualities, clean, healthy habit and freedom in growth and production of bloom have been declared wonderful.

Madam Butterfly

A glorified Ophelia. It is altogether more vigorous in growth than its parent, Ophelia, as grown side by side in our establishment. Foliage and habit can be most quickly described as unsurpassed by any existing variety. The individual bud is larger and the color tints of Ophelia are greatly intensified, making it a harmony of bright pink, apricot and gold.

Mrs. Aaron Ward

A general favorite; rather short in bud, but wonderfully free flowering. In the bud state color is a beautiful, rich yellow, which changes to shades of pink as the flower develops.

Ophelia

Color clear, bright salmon, often deepening toward golden pink; wonderfully fragrant, with long pointed buds and stiff stems. Large, handsome foliage, showing that it is a wonderfully free bloomer and grower, and not prone to mildew. Growth free and continuous and does splendidly grafted on the Manetti.

Premier

Rose Premier is a cross between Ophelia and Russell. The flowers are of Russell type, and hold a clear, pure shade of rose-pink throughout the year, lighter in summer, deep rose-pink in cooler weather; a dozen blooms make an imposing bouquet.

Radiance

A splendid and popular rose; deep pink in color. Will produce three feet breaks without pinching; almost mildew-proof, and a wonderfully fine rose to handle.

TENDER BEDDING AND GREENHOUSE PLANTS

GARDENIA

The True Winter Flowering Type

We can supply this plant in any quantity. Spring delivery.

Price, per hundred, 2½-inch \$18.00; 3-inch, \$30.00; 4-inch, \$40.00

SALVIA AMERICA

Differs from other types as it is a perpetual bloomer; it can be brought into flower for Christmas, Easter or any other desired time. It is just as free blooming as any other variety and the color is a brilliant glowing scarlet, with very bright, green foliage, making a gorgeous contrast. The constitution is particularly rugged and healthy. As an outdoor bedding plant, it will be in great demand as it is such an attractive addition to every garden.

Price . . per plant, 15c; per dozen, \$1.50; per hundred, \$10.00

AGERATUM FRASERII

We feel confident in offering Ageratum "Fraserii" to our customers that we are offering what will be one of the most valuable acquisitions to the bedding plant line in recent years, that is a blue, a decided blue, that would be continually in bloom. In our trial grounds last summer "Fraserii" attracted more attention than any other bedding plant. It only grew about eight or ten inches high and was covered the entire summer with what can be easily classed as immense truss of flowers, as many of them were over two and one-half inches across, while the individual flower would be seven-eighths of an inch in diameter. The plant spread about twelve to fifteen inches across. It can very easily be used with Alternanthera as a border plant. Being an early bloomer and dwarf, compact grower, it makes an excellent pot plant.

Price . . per plant, 25c; per dozen, \$2.50; per hundred, \$15.00

BUDDLEIA

Asiatica. This Buddleia differs from Variabilis and others of its type, in that it is not hardy and requires protection. It begins to bloom in December and continues to do so throughout the Winter season, if the plants are kept growing in a warm house; it produces long spikes of the most beautiful white flowers which have a delightful lilac fragrance.

Price . . per dozen, \$1.25; per hundred, \$10.00

Farquharii. This new Winter flowering Lilac is the first authentic hybrid in the genus. The flowers are pale pink, delightfully fragrant and are borne in long cylindrical tail-like clusters. It is of easy culture, flowers during December and January and is valuable for conservatory and house decoration and as cut flowers.

Price, 2½-inch pots, per plant, 50c; per dozen, \$5.00; per hundred, \$35.00

FERNS (For Fern Dishes)

Assorted Ferns in all the best varieties: CYRTOMIUM Falcatum, PTERIS Mayii, P. Cretica, P. Albolineata, P. Adiantoides, etc.

Price, 2¼-inch pots plant . . per dozen, \$1.50; per hundred, \$10.00



HELIOTROPE

We have reason to pride ourselves on the three varieties of Heliotrope we have introduced to the trade in this country. "Centefleur" was our first introduction; followed later on by "Elizabeth Dennison" and last year "Royal Fragrance," the latter being the finest Heliotrope that has ever been raised.

ROYAL FRAGRANCE

A deep rich, violet blue Heliotrope, very dwarf in growth, about 10 inches high. The individual trusses of this variety measure from 15 to 18 inches across and the plants are very bushy in habit. "Royal Fragrance" is marvelously fragrant as the name implies. Grown in a solid bed, it will bloom continuously from early July until frost, and its fragrance can be detected all over the garden. As a Border plant it is unsurpassed and the many letters of commendation we have received on this particular variety indicate that the demand this year will exceed the supply. We suggest early ordering.

Pots	Each	Per Dozen	Per hundred
Price: 2½-in. . . . .	.30c	\$3.00	\$20.00
3 -in. . . . .	.40c	4.00	30.00

Prices on larger size on application

ELIZABETH DENNISON

A clear Windsor blue in color with large individual trusses of flower, growing about 15 inches high. Is also wonderfully fragrant. Won the Medal of Honor at the Panama Pacific Horticultural Exposition in 1915.

Pots	Each	Dozen	Per 100
Price: 2½-in. . . . .	.20c	\$2.00	\$15.00
3 -in. . . . .	.25c	2.50	18.00

Prices on larger size on application

"CENTEFLEUR"

Deep blue in color with conspicuous white eye. Our first introduction in the Heliotrope line and is delightfully fragrant, as is all types of Heliotrope, but these three varieties are exceptionally so. Grows about 18 to 20 inches in height according to the soil and location where planted.

Pots	Each	Dozen	Per 100
Price: 2½-in. . . . .	.20c	\$2.00	\$15.00
3 -in. . . . .	.25c	2.50	20.00

Prices on larger size on application

CANNAS

Cannas are among the most popular and magnificent of the summer blooming plants and seem to do equally well in all sections of the country. Cannas are gross feeders; they need a generous amount of fertilizer and in dry weather should be watered freely. For best effects plants set out in large blocks, say two feet apart, allowing each plant room for individual development, will make a marvelous showing in any planting plan. Of the numerous varieties in cultivation, the following list is the selection of an expert in this particular line of plants. All are listed in their own individual shade of color.

RED

American Beauty

This is the richest colored Canna we know—a velvety oriental carmine or translucent cerise. It is unusually attractive, with its large flowers of tropical magnificence and green foliage. Height 5 feet.

Price . . per plant 50c ; per dozen, \$5.00

Beacon

Moderate sized flower of rich cardinal red, very impressive variety, green foliage; height 4 feet.

Price . . per plant, 25c ; per dozen, \$2.50

LaFayette

In some respects it resembles the famous "Meteor" but the flowers are a more intense scarlet. The heads of bloom are carried erect above the healthy green foliage, producing a brilliant effect in mass planting.

Price . . per plant 25c ; per dozen, \$2.50

Mohawk

Flowers are large, with long petals that withstand hot sun and rain. Color is brilliant poppy-red toning to carmine, bronze foliage. Height 5 feet.

Price . . per plant 75c ; per dozen, \$7.50

Nokomis

Large, vivid crimson flowers with a rich sheen on the petals; bronze foliage. Height 5 feet.

Price . . per plant, 25c ; per dozen, \$2.50

The President

In color, a rich, glowing scarlet and the immense, firm, rounded flowers, 7 inches across when open, are produced on strong erect stalks well above the large, rich green foliage. "The President" is superior to any other red variety in the quantity also the quality of bloom, and the firm flowers resist drought and heat to a remarkable degree. Height 4 feet.

Price . . per plant, 25c ; per dozen, \$2.50

YELLOW

Apricot

The color is a buff-yellow base overspread with salmon-pink, making a mass effect of rich apricot with green foliage. The chief characteristic of this flower is its marvelous durability, for it stands heavy rain and hot sun better than any other Canna we know. Height 4 feet.

Price . . per plant, 35c ; per dozen, \$3.50

Distinction

A very robust grower with large flowers of reddish chrome color, widely bordered with pure yellow. Very showy when massed, and has a beautiful green foliage. Height 5 feet.

Price . . per plant, 35c ; per dozen, \$3.50

Golden Gate

Ground color is golden yellow with crimson rays radiating from center, green foliage. Height 4 feet.

Price . . per plant, 20c ; per dozen, \$2.00

Indiana

Rich orange-yellow, green foliage. Height 5 feet.

Price . . per plant, 20c ; per dozen, \$2.00

King Midas

Very large flowers of glittering gamboge-yellow. An outstanding variety, making a glorious truss on stems as straight as an arrow, crowned with their masses of dazzling yellow blooms all summer. A true Canna aristocrat, green foliage.

Price . . per plant, \$1.00 ; per dozen, \$10.00

Palm Beach

Broad, long petaled flowers of maize-yellow, with a faint blush of pearly pink. Really a rival of the daintiest orchids. The throat and lower petal are soft buff-yellow, shaded with apricot, the entire flower being a harmony of delicate shades; green foliage. Height 3½ to 4 feet.

Price . . per plant, \$1.00 ; per dozen, \$10.00

Queen of Holland

Rich orange-bronze foliage with bright yellow flowers. Height 4 feet.

Price . . per plant, 20c ; per dozen, \$2.00

Wyoming

One of the tallest varieties, running in specially good soil as high as 7 feet; most majestic in growth and bears great blooms of flowers, deep yellow shading to orange; with purplish-bronze foliage.

Price . . per plant, 20c ; per dozen, \$2.00

WHITE

Snow Queen

A striking contrast to "The President" and in circular beds Snow Queen makes a splendid border for the outside row with The President in the center. This is a vigorous growing, white Canna, large in flower and free in bloom. The flowers are 6 inches across, with rounded petals 2 inches broad, of firm texture, and having the faintest dots of flesh-pink on the petals, but the effect is snow-white with green foliage.

Price . . per plant, 50c ; per dozen, \$5.00

Flag of Truce

A large creamy white Canna with faint pink dots on each petal and a canary colored tongue. When a short distance from the flowers appear pure white, green foliage.

PINK

Mrs. A. F. Conrad

Grandest flesh-pink of the entire list already introduced; most striking and beautiful, green foliage. Height 4 feet.

Price . . per plant, 25c ; per dozen, \$2.50

City of Portland

Deep salmon-pink; very neat habit, particularly as a bedder when used with other plants; green foliage. Height 3 feet.

Price . . per plant, 45c ; per dozen, \$4.50

Edward W. Bok

Very large flowers, with the edges of the petals frilled and so firm that ten fully open blooms can be counted on one head. Color is light rose, each frilled petal edged with cream. The throat also is cream-color, running into mottled pink, green foliage. Height 3 feet.

Price . . per plant, \$1.00 ; per dozen, \$10.00

Wawa

Very dwarf, lovely pink with green foliage, a most graceful variety.

Price . . per plant, 25c ; per dozen, \$2.50

FANCY

Panama

This is a very effective variety; color rich, orange-red, well defined with bright golden yellow rim around the edge of the petals; green foliage. Height 3 feet.

Price . . per plant, 25c ; per dozen, \$2.50

Gladioflora

Crimson shading to carmine, rose and gold; green foliage exceptional bloomer. Height 3 feet.

Price . . per plant, 25c ; per dozen, \$2.50

Gaiety

Reddish orange mottled carmine and edged with yellow. The tongue is yellow and densely spotted carmine, green foliage.

Price . . per plant, 20c ; per dozen, \$2.00

ORCHID-FLOWERING**King Humbert**

Beautiful bronze foliage and flowers enormous in size; brilliant orange scarlet, streaked occasionally with crimson, one of the most largely grown of all; height 4 feet.

Price . . per plant, 15c ; per dozen, \$1.50

Statue of Liberty

Height 6 to 7 feet. This Canna outstrips exaggeration. We believe it is, without exception, the largest Canna in existence. Its foliage is bronze, leaves half as large again as its nearest rival, and of a rich, luxuriant, ebony shade. It holds aloft a fiery flaming flower, orchid-type, blazing flame-red in color. The flowers are of large size and good form.

Price . . per plant, 50c ; per dozen, \$5.00

Wintzer's Colossal

Without doubt the largest-flowered variety to date; the average bloom being over 8 inches across, very striking brilliant scarlet that retains its brilliancy; should be in every collection; height 5 feet. Green foliage.

Price . . per plant, 25c ; per dozen, \$2.50

Yellow King Humbert or Queen Helen

This is a green-leaved beautiful yellow sport of the noble and ever-popular King Humbert, and will undoubtedly be in yellow what its parent is in red, since the color is the only variation from the original King Humbert. Green foliage.

Price . . per plant, 20c ; per dozen, \$2.00



CACTUS DAHLIA

The Cactus type of Dahlia are readily identified by their long narrow petals which are found many of them to resemble Chrysanthemums. They are usually very brilliant in color but many of the finest varieties are weak in the neck of the flower and for this reason they are not grown to the extent that the other types are.

Bertram S. Varian

A very brilliant, deep scarlet of the moderately incurved form, of good size on long stems. Cactus type.

Price . . per plant, 50c; per dozen, \$5.00

Caecelia

A magnificent flower of great individuality; one that will give perfect satisfaction. A wonderfully large creamy white flower. Cactus type.

Price . . per plant 35c; per dozen, \$3.50

George Walters

This variety has the long, broad quilled petals, a bright salmon pink, artistically suffused with old gold. The flowers are produced on long, stiff, wiry stems, well above the foliage.

Price . . per plant, \$1.00; per dozen, \$10.00

H. H. Thomas

The flowers are of beautiful formation, having long incurving florets or petals. A free flowering variety possessing long, straight stems and producing its flowers well above the foliage. The color is a rich deep crimson. Cactus type.

Price . . per plant, \$1.00; per dozen, \$10.00

Juliana

A flesh pink with a white center, large incurved flower of narrow petals, with a good center and extra strong stems. Cactus type.

Price . . per plant, 25c; per dozen, \$2.50

Marjorie Castleton

The outer florets are rose pink. The tips and inner florets are pure white. Cactus type.

Price . . per plant, 25c; per dozen, \$2.50

Mrs. C. Cooper

One of the largest Cactus Dahlias yet produced. The petals are long and very narrow, slightly incurved. The color is a charming cream-suffused salmon.

Price . . per plant, \$1.00; per doz., \$10.00

Mrs. Edward Drurey

This new creation will prove a thoroughly reliable variety in any situation. Color, a delicate shade of purple-crimson. The flowers are formed evenly but are not strikingly curved. Large blossoms, produced freely and good throughout the season. Cactus type.

Price . . per plant, 50c; per dozen, \$5.00

Mrs. Warnaar

A "Garden Cactus" of superior quality, recommended as one of the finest cut flower varieties in existence. The coloring is exquisite, being a delightful creamy white, overlaid and blending to a charming shade of delicate pink. The flowers are produced on long, stiff stems. Blossoms are of gigantic size and great merit.

Price . . per plant, \$1.00; per doz., \$10.00

Scorpion

At first sight, one would think it a Chrysanthemum. The blossoms are of medium size and of a beautiful clear yellow color. This variety is a great favorite with specialists abroad, especially appealing to the lovers of irregularly formed Cactus Dahlias.

Price . . per plant, \$1.00; per dozen, \$10.00

Storm King

The most reliable pure white frilled Dahlia to date. Spherical flowers produced on good stems well above the foliage.

Price . . per plant 25c; per dozen, 2.50

The Imp

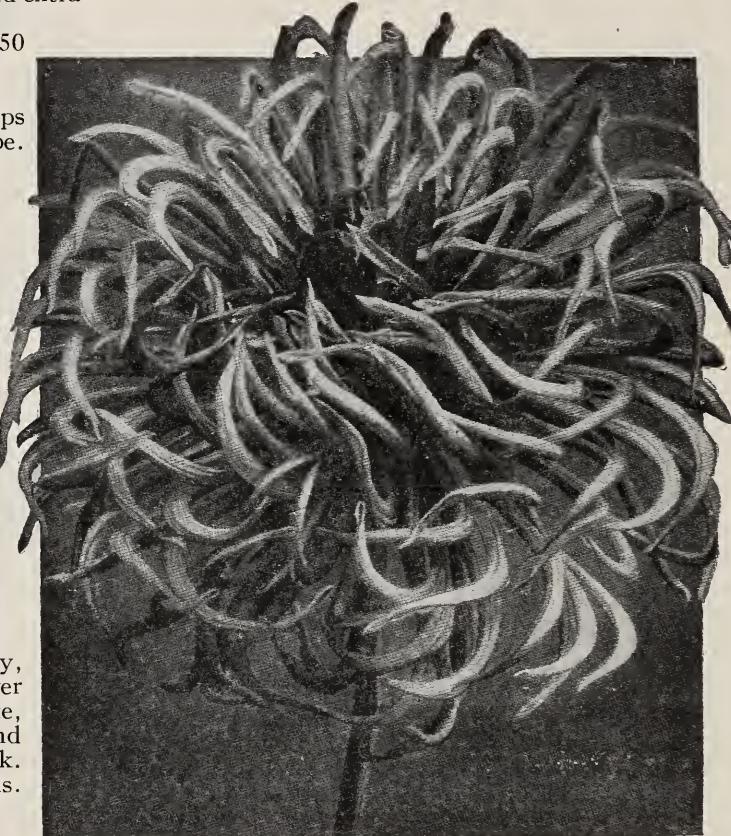
Described as the "Black Dahlia," the color being as near black as any we have ever seen in Cactus Dahlias. A beautifully formed flower with long, claw-like petals and exceptionally good incurved form.

Price . . per plant, 25c; per dozen, \$2.50

W. W. Rawson

A wonderfully quilled Dahlia of great beauty. Good stem. Color is white, overlaid with delicate lavender.

Price . . per plant 25c; per dozen, \$2.50



HYBRID CACTUS DAHLIAS

Hybrid Cactus Dahlias are the type that attain a very large size. The petals are twisted and curled exactly like the Cactus varieties.

Attraction

A large, elegant flower of clear lilac-rose. The habit is perfect, with long, strong stems, holding the blossoms stiff and upright. The long, stiff stems of the Hybrid Cactus Dahlias make them far superior to all other Cactus Dahlias.

Price . . per plant, \$1.00; per dozen, \$10.00

Elizabeth Slocum

Rich, purplish red, changing to a clear garnet red as the flower ages. Hybrid Cactus type.

Price . . per plant, \$5.00

Etandard De Lyon

Hybrid Cactus type, distinct in shape from all others. The petals are broad, curled and wavy, and form a flower fully 6 inches in diameter and 4 inches deep; a very large flower. The color is rich carmine rose, with a brilliant suffusion difficult to describe.

Price . . per plant 50c; per dozen, \$5.00

La Favorite

A brilliant salmon shade. Rosy salmon in the center and shading to pink at the twisted points. Hybrid Cactus type.

Price . . per plant, \$3.00; per dozen, \$30.00

Nibelunger Hort

Very attractive petals of purplish rose splashed with gold. Individual petals which twist and curl are flowers of the Hybrid Cactus Type.

Price . . per plant, 50c; per dozen, \$5.00

Red Cross

This is of the Hybrid Cactus type. Bronzy yellow with red shadings, and possibly one of the most charming in our garden this summer. Exhibited at the New York Dahlia show and was one of the most admired in our exhibit.

Price . . per plant, \$2.00; per dozen, \$20.00

W. B. Childs

A large, deep purple Hybrid Cactus Dahlia that we can highly recommend.

Price . . per plant, 25c; per dozen, \$2.50

Violetta

A very fine violet variety, a good grower and a seedling of Etandard de Lyon but much superior in every way. Hybrid Cactus Type.

Price . . per plant, \$5.00

DECORATIVE DAHLIAS

Decorative Dahlias are the kinds used mostly for cut flower work. They have round or flat petals and loosely formed, and never show any opening in the center. This is the most popular type grown today. Stems are always thick in this type.

Azalea

Large flower of soft creamy yellow with the outer row of petals tinged pink. Decorative type.

Price . . per plant, \$1.00; per dozen, \$10.00

Barch Van Heemsted

A bronzy yellow in color, very free flowering. Decorative type.

Price . . per plant, \$1.00; per dozen, \$10.00

Catherine Duer

A glowing shade of red, decorative type.

Price . . per plant, 25c; per dozen, \$2.50

Darlene

An exquisite shade of live shell-pink with a dainty blending of white at the center. The plants make ideal specimens, averaging about 3 feet in height. Decorative type.

Price . . per plant, 50c; per dozen, \$5.00

Dream

Amber rose, borne on long stems which hold the flower free above the foliage; excellent for both cutting and garden decoration. Decorative type.

Price . . per plant, 50c; per dozen, \$5.00

E. T. Bedford

The color is purple with a lighter shading, giving it the appearance of a silvered purple tone. Should be in every exhibition collection and in every garden where good Dahlias grow. Height 5 feet. Decorative type.

Price . . per plant, \$7.00

Hochsai

Decorative type. Bronzy yellow overlaid with crimson shadings through the petals, giving the effect of crimson dust scattered over a bronzy yellow surface. Plant is a tremendous grower and perfect as to stem and foliage.

Price . . per plant, \$1.00; per dozen, \$10.00

Hortulanus Witte

A perfect wonder. Its remarkable qualities being excellent, type, perfect form and purity of color. The flowers are borne in a miraculous profusion upon long, stiff stems, well above the foliage. The color is a waxy, almost glistening pure white; a beauty in every sense of the word. Decorative type.

Price . . per plant, 50c; per dozen, \$5.00

Jack Rose

Rich, velvety crimson decorative variety. An ideal cut flower sort.

Price . . per plant 25c; per dozen, \$2.50

Jeanne Charmet

A Dahlia with broad, flat petals and a full center. The flowers measure from 7 to 10 inches in diameter on stiff, wiry stems. The color is a most exquisite shade of lilac-pink, daintily shading to pure white toward the center, with a tinge of light yellow at the margins. Decorative type.

Price . . per plant \$1.00; per dozen \$10.00

Jonkheer Boreel Van Hoogelanden

An elegantly formed flower, of gigantic size and without doubt the finest of its color in existence. The flowers are full to the center and approach that of "King of the Autumn" in color. A deep, rich orange terra cotta. Decorative type.

Price . . per plant, \$2.00 ; per dozen, \$20.00

Judge Marean

A perfect decorative type of a most beautiful color. A wonderful combination of glowing salmon pink, red, iridescent orange, yellow and pure gold; it is a continuous bloomer and at its best in August. Average height 4 feet.

Price . . per plant, \$6.00

King Albert

Rich purple violet in color with bright twisted petals, a very large flower. Decorative type.

Price . . per plant, \$1.00 ; per dozen, \$10.00

Latona

Decorative type. An unusual blending of orange, buff and yellow. Flowers are nearly full to the center, and produced freely upon good stems.

Price . . per plant, 50c ; per dozen, \$5.00

Le Grand Manitou

The color of this superb variety is white, artistically striped, splashed and blotched deep violet purple. The plants occasionally bear a solid purple colored flower. Flowers of gigantic size. Decorative type.

Price . . per plant, 50c ; per dozen, \$5.00

Mephistopheles

Hybrid decorative; the insolent beauty of this Dahlia makes itself felt through its giant flowers held perfectly erect on extra long, stout stems; ruby red, very vigorous grower, producing many flower stalks on a plant growing to a height conservatively averaging 6 to 8 feet. It is considered the best Dahlia in existence.

Price . . per plant, \$7.50

Mina Burgle

This is one of the finest broad flat-petaled Dahlias in existence, always giving satisfaction and producing blossoms of gigantic size with perfect centers. In color, a glowing and most brilliant rich crimson-scarlet. Decorative type.

Price . . per plant, 25c ; per dozen, \$2.50

Minos

The blossoms are produced on stems from 15 to 25 inches in length, well above the foliage. The color is an intense velvety maroon, almost black. An ideal Dahlia in every way. Decorative type.

Price . . per plant, 50c ; per dozen, \$5.00

Mme. Van Den Daele

Flowers large, of extra fine form, and produced upon exceptionally good stems. As a cut flower variety it is unsurpassed. White, deeply edged a silvery-pink; a blending of colors rare among Dahlias. Decorative type.

Price . . per plant, 50c ; per dozen, \$5.00

Mrs. Brandt

Color, salmon with golden yellow center a very large Decorative Dahlia.

Price . . per plant, 50c ; per dozen, \$5.00

Mrs. J. Green

Vivid, brilliant scarlet in color, with very large full flowers. We received this variety from California, and it more than surpasses the wonderful description that accompanied it. We consider it the finest red decorative type in our garden.

Price . . per plant, 50c ; per dozen, \$5.00

"Mrs. John T. Scheepers"

The flowers are very large, produced on strong stout stems. Upon opening, they are of a clear canary yellow which is gradually changed to a beautiful, delicate shade of pink suffusion on the outer petals.

A very free bloomer and vigorous grower. Average height 6 feet. Decorative type.

Price . . per plant, \$7.50

Mrs. I. Dever Warner

True decorative type of largest size; color a deep mauve pink; strong grower and very free bloomer; a magnificent and most desirable Dahlia in every way. Average height, 5 to 6 feet.

Price . . per plant, \$7.50

Over There

This is a most attractive Dahlia, of unusual merit; it is a true self-color, very deep salmon. The flowers are large, set on strong stems. Extra strong grower and splendid producer. Average height 4 to 5 feet. Decorative type.

Price . . per plant, \$10.00

Patrick O'Mara

Decorative. A very fine golden yellow, produced on strong straight stems. Being a seedling of King of the Autumn it is a very free and vigorous grower, and never produces a single flower like its parent.

Price . . per plant, \$2.00 ; per dozen, \$20.00

Queen Mary

A beautiful rose-pink of great substance, and charming formation. The stem is wonderfully long and stiff and the flower grows well above the foliage. It is a cut flower par excellence. Decorative type.

Price . . per plant, 50c ; per dozen, \$5.00

Rose Gem

A very attractive delicate pink flower, on long stiff stems and very large flower. Decorative type.

Price . . per plant, 25c ; per dozen, \$2.50

The Emperor

This variety caused quite a stir at the Dahlia Exhibitions on account of its enormous size, its beautiful deep color, the perfect form of the flower, and the extra long stem. The flower is a maroon of the finest type; made up of long flat petals; the color does not spot under any weather condition. Average height 6 feet. An exceptional variety. Decorative type.

Price . . per plant, \$15.00

Venus

A beautiful variety and much esteemed as a cut flower; it is a splendid free grower, and the flower which is a combination of pink and white is borne on long stems. Decorative type.

Price . . per plant, \$3.00 ; per dozen, \$30.00

PEONY TYPE DAHLIAS

The peony type of Dahlia is one of the most popular types. The flowers are usually very large and very often show an open center. Some varieties very much resemble the semi-double peony and for this reason the type is known as the Peony type.

Cleopatra

Peony-flowered type; very strong grower; large flowers on wiry stems; fine yellow shade with tangerine reverse. Average height 5 to 6 feet.

Price . . per plant, \$5.00

"Etandard"

One of the purest types of Peony Flowering Dahlia. This variety produces quantities of flowers, 9 inches across, on stiff stems, 2 to 3 feet long. One of the very finest subjects for cutting. Color, pure glistening white with yellow center.

Price . . per plant, \$1.50; per dozen, \$15.00

Glory of Baarn

The prominent feature of this Dahlia is its fragrance, which is so different and pleasing, that one cannot believe it a Dahlia. The flowers are semi-double and of large size; the beautiful golden yellow center lending an additional charm to this acquisition. Peony type.

Price . . per plant, 50c; per dozen, \$5.00

Goliath

Brilliant yellow, tinted rosy pink, shading to a paler yellow at the points of the petals. Flowers very large with long petals. Peony type.

Price . . per plant, 50c; per dozen, \$5.00

Lille

A salmon pink shading to white towards the center. Peony type.

Price . . per plant, 50c; per dozen, \$5.00

Louisiana

A beautiful Peony flowering Dahlia, of amber bronze. This is a wonderfully free flowering variety, needs no disbudding, and is especially fine for cut flower decoration.

Price . . per plant, 25c; per dozen, \$2.50

Maggie

Peony type. An English importation with beautiful salmon-bronze flowers with old-gold base. One of the most beautiful shades in our entire collection.

Price . . per plant, 25c; per dozen, \$2.50

Peg O' My Heart

Dahlia Peony flowered type; extremely attractive color being of an old rose shaded to soft golden. Average height 5 to 6 feet.

Price . . per plant, \$5.00



PINK BEAUTY

A wonderful variety in the Peony type. Flowers are borne on stems 18 inches to 2 feet long, perfectly rigid. Color is a brilliant carmine, veined and flecked silvery pink.

Price . . per plant, 25c; per dozen, \$2.50

Princess Juliana

This Peony-Decorative type Dahlia is of special merit; it is pure white perfect flowers, dark green foliage, long strong stems. A robust grower; it is a variety that will be grown by every lover of the Dahlia.

Price . . per plant, 25c; per dozen, \$2.50

"The Choctaw"

Quilled petals; enormous flowers are carried on long, strong, stiff stems. Color is a fine pale mahogany. Average height 5 feet. Peony-flowered type.

Queen Wilhelmina

The best pure white Peony flower Dahlia. Very attractive.

Price . . per plant, 50c; per dozen, \$5.00

SHOW DAHLIAS

These are the old fashioned type of Dahlia. They have very tight flowers with short, crisp petals.

American Beauty

The color of this new acquisition is a gorgeous wine crimson. The blossoms are of colossal size, petals being beautifully cupped and quilled. Show type.

Price . . per plant, 35c ; per dozen, \$3.50

Gold Medal

This is without question the finest fancy Dahlia that has ever been introduced. Blooms early, free, and continuous and keeps perfectly for many days. The color is a beautiful dandelion yellow suffused with Oriental red shadings. Show type.

Price . . per plant, 50c ; per dozen, \$5.00

Marie Hardy

Giant variety from California. Color pale lemon yellow ground, with cerise tips on the edge of the petals. As the flower ages the cerise color becomes very prominent, spreading practically over the whole flower. Flowers profusely with stems of good length and very rigid. Show type.

Price . . per plant, 50c ; per dozen, \$5.00

Primrose Dame

Spherical, exquisitely quilled flowers of a lovely primrose-yellow shade. Free-flowering. Show type.

Price . . per plant, 25c ; per dozen, \$2.50

Stradella

Beautiful flowers of a deep purple-crimson; produced exceptionally free. Petals quill way back to the stem, making a perfectly spherical flower. Show type.

Price . . per plant, 25c ; per dozen, \$2.50

Sylvia

Beautiful deep pink, blending to pale lemon at the center. Petals long and slightly incurved. Show type.

Price . . per plant, 25c ; per dozen, \$2.50

Yellow Duke

Beautiful brilliant yellow of the Show type. Flowers are borne of long stiff stems.

Price . . per plant, 25c ; per dozen, \$2.50

POMPON DAHLIAS

The Pompon type are the very small compact flowers like the miniature Show Dahlias. They are invaluable for cut flower work and for using in Basket Decorations.

Maude Adams

Center white. Tinted a clear delicate pink from the Pompon variety of the Show type.

Price . . per plant, 50c ; per dozen, \$5.00

Pride

Miniature crimson-scarlet flowers. A model of perfection in type. Pompon type.

Price . . per plant, 25c ; per dozen, \$2.50

COLLARETTE DAHLIAS

This type is distinct from others on account of the row of small petals around the center of the flower forming a collar from which the type derives its name.

Achievement

The flowers of this phenomenal creation are very novel, the large petals being of a clear, rich, velvety maroon with a smaller ring of petals arranged around the yellow center of pure white; Collarette type.

Price . . per plant, 25c ; per dozen, \$2.50

Climax

A variety of surpassing merit and beauty. Brilliant scarlet with outer petals shaded bronze. The collar, is of pale gold, around the deep orange center, making a most striking combination. We call it "Climax" as we consider it the last word in "Collarette Dahlias."

Price . . per plant, 25c ; per dozen, \$2.50

STAR OR COSMOS DAHLIAS

This is a new type of Single Dahlia. The flowers are "star-petaled" and about the size of a Cosmos blossom, which they resemble. They are useful for cutting, being borne on stems often two feet long; the plants are free blooming, lasting for a long period when cut and extremely showy in the garden.

Crawley Star

Lovely shade of deep rose-pink with a scarlet zone in the center. The brilliant yellow eye in the center of the flower gives it a very distinctive appearance.

Price . . per plant, 25c ; per dozen, \$2.50 ; per hundred, \$20.00

White Star

Beautiful pure white flower with an orange center; greatly resembling a Water-lily. Produces enormous quantities of blossoms on long, stiff, wiry stems, which last a considerable time in water.

Price . . per plant, 25c ; per dozen, \$2.50 ; per hundred, \$20.00

MIGNON DAHLIAS

(DWARF BEDDERS)



SEVERAL years ago we imported from France, a dwarf type of Dahlia, known as the "Mignon" which we have been selling the past two years to our many customers. These are all single varieties and make wonderful bedding plants since they do not grow over 18 inches in height and are of brilliant colors. They begin to flower in late June and continue to do so all through the summer until frost cuts the flowers down. Every plant is covered with blossoms from the beginning to the end of the season, and are the showiest flowers in the garden. There are ten individual colors in this type and we sell them in collections of ten plants of assorted colors.

Price . . per plant, 30c ; for the collection, \$2.50 ; per hundred, \$20.00

GLADIOLI

CULTURAL DIRECTIONS

The Gladiolus is a flower of easy culture and does well in any soil, but should be planted in full exposure to the sun. They will do well planted in the hardy borders or in front of shrubbery. Many of the best varieties produce small bulbs, and in buying a mixture you will find it much better when the size of the bulbs varies to a considerable degree. The largest bulbs do not always give the best results. It is essential that the bulb should be of blooming age rather than size. Soil should be well prepared in the early Spring, with a good coating of agricultural lime and bonemeal thoroughly worked into the soil, but fresh stable manure should be used only where the ground can be manured the previous Fall and well worked over in the Spring before planting.

Planting for cut flowers should be made in rows 18 inches apart, with bulbs 3 inches apart in the row, covering from 4 to 6 inches, according to the size of the bulbs; press the earth firmly around each bulb. Care should be taken to plant the bulbs right side up, and deep enough so that the new bulb, which forms on top, will not be pushed too near the surface. For succession of bloom, plant from the time the ground can be worked until July 1.

In cutting the flower spikes, it is ruinous to cut the stalk where the flowers end. There must be some foliage to lend grace. Cut the spikes so as to leave two or three leaves on your bulb root, thus giving you a flower spike sometimes nearly 4 feet long, leaving plenty of strength for the bulb and beauty for the decoration.

In shipping cut blooms of the Gladiolus, it is absolutely essential that they be shipped dry, after standing for a while in water.

NAMED VARIETIES

Varieties marked with an asterisk (*) are particularly fine for forcing.

Albania (Kemp)

Pure silver white, with edge of petals daintily ruffled. Faint pink markings on tips of petals. An exceptional variety for every use.

Price . . per dozen, \$7.50

***America**

Too much cannot be said of this beautiful, dainty pink. The flowers are of immense size and of wax-like texture, borne on a very strong spike.

Price . . per dozen, 60c ; per hundred, \$4.00

Amethyst

A remarkably strong, open flower of a deep amethyst color, slightly suffused rose. Beautiful for bedding, as it holds its bloom well, with nearly all flowers open at one time.

Price . . per dozen, \$5.00 ; per hundred, \$4.00

Arizona Rose

Charming shade of light old rose—almost self-color. Beautiful form and texture.

Price . . per dozen, \$1.50 ; per hundred, \$10.00

Attraction

One of the most pleasing of the throated varieties. Deep rose with white throat.

Price . . per dozen, \$1.00 ; per hundred, \$7.50

A. W. Clifford

Intense, rich, carmine red, pointed ruffled petals. One of the best reds.

Price . . per dozen, \$2.00 ; per hundred, \$15.00

Baron Josef Hulot

One of the finest blue Gladioli. A deep violet blue with well-opened flowers.

Price . . per dozen, \$1.25 ; per hundred, \$7.50

Blue Jay

A light grayish blue with darker blue markings and having a red stripe on tongue of the lower petals—a distinctive variety.

Price . . per dozen, \$3.00 ; per hundred, \$22.00

Brenchleyensis

Brilliant vermilion-scarlet. Though inexpensive, one of the finest for the garden and for massing.

Price . . per dozen, 60c ; per hundred, \$4.00

Canary Bird

Fine light yellow, strong spike.

Price . . per dozen, \$1.50 ; per hundred, \$12.00

Candidum

Charming white flowers, wide open on a fine stalk. Tips of petals tinted pink. Splendid for all uses.

Price . . per dozen, \$2.00 ; per hundred, \$15.00

Cattleya

Charming soft-white, heavily suffused lavender and pink. Large wide open flowers.

Price . . per dozen, \$5.00 ; per hundred, \$40.00

***Chicago White**

A fine white variety with lavender stripes on lower petals. Medium-sized flowers borne on a tall spike and from seven to eight flowers open at one time.

Price . . per dozen, 75c ; per hundred, \$5.00

Conspicuous

Beautiful gray blue, with darker throat markings and a fine penciling of yellow. Very attractive.

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Conspicuous

Beautiful gray blue, with darker throat markings and a fine penciling of yellow. Very attractive.

Price . . per dozen, \$2.00 ; per hundred, \$15.00

Cracker Jack

Large flowers of rich, velvety dark red, throat spotted with yellow and dark maroon.

Price . . per dozen, 75c; per hundred, \$5.00

Crimson Glow (Betscher)

By far the most beautiful red Gladiolus yet on the market. A perfect scarlet of a deep tone. Very large, open flowers of the finest form and exceedingly well placed on the spike.

Price . . per dozen, \$3.00; per hundred \$22.00

***Dawn (Tracy's)**

The most beautiful coral pink Gladiolus ever offered. A long graceful spike of magnificently formed flowers, all open at one time. The keeping qualities of this variety surpass anything grown at Cedar Acres, while its color and texture make it indispensable as a cut flower and for bedding.

Price . . per dozen, \$2.00; per hundred, \$15.00

***Daybreak**

A charming light pink, with blazed white throat. Magnificent orchid-like variety; dwarf habit.

Price . . per dozen, \$3.00; per hundred, \$22.00

***Delice**

A choice, early variety. Clear, dainty pink, self-colored.

Price . . per dozen, \$1.00; per hundred, \$7.50

Easter Bells

Fine sulphur yellow of very graceful form and spike. Very faint markings in throat. We consider Easter Bells one of the best light yellows on the market.

Price . . per dozen, \$5.00; per hundred, \$40.00

Empress of India

A rich, dark red—a rare and beautiful color. One of the best of recent novelties. Certificates of merit from Haarlem and London in 1912.

Price . . per dozen, \$1.00; per hundred, \$7.50

***Europa**

A very fine white Gladiolus, of perfect form, with many pure white blooms open at once. The formation is close and compact, making a magnificent spike of wide-open flowers.

Price . . per dozen, \$2.00; per hundred \$15.00

Evelyn Kirtland

Companion to Gretchen Zang. Charming rose pink blooms, very long stalk.

Price . . per dozen, \$2.00; per hundred, \$15.00

Flora

One of the best yellows. Pale corn yellow with delicate lines on lower petals. Very fine spike of open flowers. Splendid for both house and garden.

Price . . per dozen, \$3.00; per hundred, \$22.00

Gil Blas

Early flowering of dwarf habit. Flowers salmon rose with bright red blotch on primrose ground. Fine for bedding as well as a cut flower.

Price . . per dozen, \$1.00; per hundred, \$7.50

***Glory of Holland**

A new white with slight tinting of pale pink and anthers of delicate lavender. Blossoms large and gracefully set on a tall spike. One of the finest whites.

Price . . per dozen, \$1.00; per hundred, \$7.50

Golden King

A brilliant golden yellow, with intense crimson blotch in throat, giving a magnificent effect. Flowers well opened and well set on a very graceful spike. One of the best of the yellow-throated varieties.

Price . . per dozen, \$1.00; per hundred, \$7.50

Gretchen Zang

Tall, graceful spike of soft, pleasing shade of geranium pink, with carmine throat markings.

Price . . per dozen, \$2.00; per hundred, \$15.00

***Halley**

A most attractive early-blooming sort, with large, well-opened flowers of delicate salmon pink. Flowers well placed on long, graceful spike. Similar in type to the popular Mrs. Francis King.

Price . . per dozen, 60c; per hundred, \$4.00



Harvard

A perfect "Harvard" crimson in color. It is becoming very popular as a cut flower, and is especially effective for table decorations when used with green foliage, because of its long, graceful spike of large, open flowers; many flowers open at one time.

Price . . per dozen, \$1.00; per hundred, \$7.50

Herada

A novelty of true merit. An intense phlox color, shaded pure purple. A tall grower with large flowers, many open at one time.

Price . . per dozen, \$2.00; per hundred, \$15.00

Hortense

The finest heliotrope Gladiolus on the market. A rich fuchsia mauve in color, large, open flowers of great substance.

Price . . per dozen, \$5.00; per hundred, \$40.00

***Independence**

A brilliant begonia pink, with richly marked throat. A long spike of wax-like flowers. One of the best for cut flowers and for massing, because of its color and the lasting quality of the bloom.

Price . . per dozen, 60c; per hundred, \$4.00

Iris Spray

Clear iris gray, with distinct purple spot on inferior petals. A pansy-flowered variety of great charm. Very popular.

Price . . per dozen, \$5.00; per hundred \$40.00

Isaac Buchanan

A fine yellow. All flowers open at one time, and of dwarf habit, making it fine for bedding. Most attractive in combination with L'Immaculee and Baron Josef Hulot.

Price . . per dozen, \$1.00; per hundred, \$7.50

Jacinthe

One of the most valuable of the orchid-shaded Gladioli. A clear iris lavender with a carmine purple throat, beautiful in combination with Primulinus Hybrids.

Price . . per dozen, \$5.00; per hundred, \$40.00

***Klondike**

Clear primrose yellow with crimson blotch. Flowers round, on a strong spike. Early bloomer and of dwarf habit.

Price . . per dozen, 75c; per hundred, \$5.00

Kunderdi Glory

Cream pink with crimson stripe in center of each petal. Flowers slightly ruffled. Valuable for hybridizing.

Price . . per dozen, \$1.00; per hundred, \$7.50

Liebesfeuer

A solid self-color—brilliant scarlet, many blooms open at one time on a tall, erect spike. The finest red of this shade.

Price . . per dozen, \$3.00; per hundred, \$25.00

***Lily Lehman**

No white Gladiolus equals this variety. A lily in both name and form, of a pure glistening white, with just a tinting of pink on tips of petals. Matchless in form and coloring.

Price . . per dozen, \$1.25; per hundred, \$10.00

L'Immaculee

New. A truly wonderful spike of pure white flowers, with wax-like texture and with great keeping qualities. As pure white as Europa, but of different shape and a longer spike.

Price . . per dozen, \$1.50; per hundred, \$10.00

Loveliness

This variety produces flowers of distinction in daintiness and beauty, as the name implies. Color—a clear, cream-tinted sulphur pink. The flowers are large and well placed on the spike, nearly all being open at one time.

Price . . per dozen, \$2.00; per hundred, \$15.00

Madonna

(New). The finest white Gladiolus yet introduced. Immense blooms of pearly whiteness, absolutely without markings.

Price . . per plant, \$5.00

***Maize**

A valuable addition to the list of light-colored Gladioli. A soft, light corn-color, tinted rose, with slender tongue of fuchsia red on lower petals. Its dainty colorings and especially long, graceful spikes make it most desirable.

Price . . per dozen, \$2.00; per hundred \$15.00

Mary Fennell

One of the patricians of the garden. Beautiful light lavender flowers on a tall, slender spike, lower petals penciled with primrose yellow.

Price . . per dozen, \$2.00; per hundred, \$15.00

Miss Helen Franklin

New Variety of the ruffled type, a good white with violet markings on the lower petals, vigorous tall spike with from six to ten flowers open at one time.

Price . . per dozen, \$1.50; per hundred, \$10.00

Mrs. A. C. Beal

Clear buff yellow—with distinct tongue of scarlet on lower petals. Very long, graceful spike, with many blooms open at one time.

Price . . per dozen, \$3.00; per hundred, \$25.00

Mrs. Beecher

Deep rosy crimson, with white throat. Large flowers.

Price . . per dozen, 75c; per hundred, \$6.00

Mrs. Dr. Norton

A pure, soft white, with tips of petals suffused La France pink. Quite the most beautiful variety of this type on the market. Highest awards in its class wherever shown.

Price . . per dozen, \$5.00

***Mrs. Francis King**

(The original). A most beautiful "Besnard shade" flame-pink. Immense flowers on a spike growing four feet high, with from eighteen to twenty flowers, six to eight open at one time. A magnificent variety.

Price . . per dozen, 60c; per hundred, \$4.00

***Mrs. Frank Pendleton**

A spectacular variety, producing large, well-expanded flowers, light pink, heavily blotched with blood red in throat.

Price . . per dozen, \$1.00; per hundred, \$7.50

***Mrs. James H. Lancashire**

The coloring in this popular Gladiolus, a deep cream fading to a rose-tinted flesh color, with contrasting stripe of carmine on lower petals. Invaluable for florists' use or for home decoration. Many flowers open at one time; excellent keeping qualities.

Price . . per dozen, \$2.00; per hundred, \$15.00

***Mrs. Watt**

Glowing American Beauty shade—self-color—well-opened flower. Nearly all flowers open at one time—spike very erect and not too stiff. Very distinct variety.

Price . . per dozen, \$1.00; per hundred \$7.50

***Myrtle**

Clear, delicate rose pink with throat tinted primrose and white—giving a peculiar cool color effect. Good form, well placed on spike.

Price . . per dozen, \$2.00; per hundred \$15.00

Mystery

A superb dark reddish purple, very graceful spike, and a great favorite. Wonderfully effective in large vases.

Price . . per dozen, \$5.00; per hundred, \$40.00

***Niagara**

A light crocus yellow, throat shaded deeper. Large open flowers on a strong spike. For color, texture and keeping qualities this Gladiolus is one of the very best.

Price . . per dozen, \$1.00; per hundred, \$7.50



MYRTLE

Nora

Beautiful lavender blue, with darker spot on lower petals.

Price . . per dozen, \$3.00; per hundred, \$22.00

***Panama**

The companion to America, which has become very popular. A perfect hermosa pink in color with large wide-open, wax-like flowers.

Price . . per dozen, \$1.00; per hundred, \$7.50

***Peace**

A grand white flower, very large, with pale violet feathering on inferior petals; flowers correctly placed in a tall, graceful spike. Plant early as it blooms late.

Price . . per dozen, 75c.; per hundred, \$5.00

***Pink Beauty**

Pink with small dark blotch. Earliest of all. Valuable only for greenhouse culture.

Price . . per dozen, 75c; per hundred, \$6.00

***Pink Perfection**

In color a true La France pink. Its soft coloring and magnificent bloom make it one of the choicest of the newer varieties. Large, open flowers on a strong spike.

Price . . per dozen, \$2.00; per hundred, \$15.00

Pink Wonder (Kemp)

The sensational new pink Gladiolus, in color a shade lighter than Panama, base of petals light corn yellow, feathered rose. This wonderful Kemp production is the finest of the pink varieties.

Price . . per plant, \$1.00; per dozen, \$10.00

Prince of India

A dull old rose, suffused and streaked with purple, with wide open flowers, many open at one time. A unique and attractive variety, well worth trying.

Price . . per dozen, \$5.00; per hundred, \$40.00

***Prince of Wales**

A clear grenadine pink or deep buff, with throat markings of a deeper tone. The tips of petals shaded darker or apricot buff. A novelty of great value, eight or ten blooms open at one time on a long, graceful spike.

Price . . per dozen, \$2.00; per hundred, \$15.00

Princeps (Known as the thousand-dollar Gladiolus)

Amaryllis-like flowers of a rich dark scarlet, marked with white on the lower petals. Foliage of a beautiful dark green and very attractive.

Price . . per dozen, \$1.00; per hundred, \$7.50

Purple Glory

Dark velvety maroon, with touches of black on edges of petals. Very unusual.

Price . . per plant, \$1.50; per dozen, \$15.00

Red Emperor

Regal is the only word which adequately describes this Gladiolus. A pure, deep scarlet, immense flowers of great substance, well-placed on a tall spike. A magnificent flower.

Price . . per dozen, \$2.00; per hundred, \$15.00

***Rouge Torch**

Large creamy-white flower, with a rouge torch-like tongue on inferior petals, making a striking contrast.

Price . . per dozen, \$2.00; per hundred, \$7.50

Scarsdale

Long, graceful spike of wide-open flower. A deep jacinthe, shading to lavender iris with rose tintings.

Price . . per dozen, \$1.00; per hundred, \$7.50

Schwaben

This is the largest and strongest flowered yellow Gladiolus. A clear citron yellow with aster purple tongue on lower petals. Buds sulphur yellow.

Price . . per dozen, \$1.00; per hundred, \$7.50

Sulphur King

A long spike of clear sulphur-yellow flowers.
Price . . per dozen, \$2.50; per hundred, \$20.00

Sunrise

This exquisite canary yellow Gladiolus is invaluable as a cut flower and for bedding. Long spikes of dainty flowers, clear color with no marking. As a cut flower, in combination with America and Baron Hulot, it is especially fine.

Price . . per dozen, \$2.00; per hundred, \$15.00

Sunset

A rich cream color, suffused with rose. Dark carmine, almost brown throat. Very unusual and strikingly beautiful.

Price . . per dozen, \$5.00; per hundred, \$40.00

Velvet King

Large open flowers of gorgeous scarlet, suffused rose. Very unusual and splendid for masses of color.

Price . . per dozen \$1.00; per hundred, \$7.50

War

Deep blood red, shaded crimson-black, wide-open flowers.

Price . . per dozen \$1.00; per hundred, \$7.50

White Glory

A very striking variety, tall and showy. Color a clear, solid white, with dark iris blue tongue on lower petals. In appearance it is like an iris.

Price . . per dozen, \$3.50; per hundred, \$30.00

White King

A ruffled variety, flowers of sulphur white, with slight markings of purplish rose in center; the robust spikes are very tall.

Price . . per dozen, \$1.00; per hundred, \$7.50

White Wonder (Kemp)

A superb white with lily-like flower, having the same habit as the very popular variety Mrs. Francis King. Flowers pure white without markings. Splendid for forcing and a marvel for the Garden.

Price . . per plant, \$1.00; per dozen, \$10.00

Wine King

Most pleasing wine red with purple tints and very dark red throat. Not a large flower but especially good in color and form, and a great favorite.

Price . . per dozen, \$2.00; per hundred, \$15.00

***Wilbrink (New)**

This variety has everything to recommend it. Immense blooms of a delightful flesh pink, on a graceful spike. An early and profuse bloomer. A few spikes make a splendid decoration.

Price . . per dozen, \$2.00; per hundred, \$15.00

***Willy Wigman**

Large, wide-open flower. Bloom of a beautiful blush tint, with long, bright tulip blotch on lower petals. One of the most attractive Gladiolus on the market. Spike of graceful habit, and the effect of the crimson on the cream petals is most pleasing.

Price . . per dozen, 75c; per hundred, \$5.00

Wistaria

Pale lavender, suffused violet, with darker throat. One of the few good bluish lavender varieties.

Price . . per dozen, \$5.00; per hundred, \$40.00

***Yellow Prince**

A choice addition to the yellow Gladioli. A clear pinard yellow with flowers well placed on a willowy stalk. Fine in combination with all lavenders.

Price . . per dozen, \$2.00; per hundred, \$15.00

Amateur Mixture

Includes all the best varieties selected from the collections of the best hybridizers and growers of both American and European countries. All varieties have been selected with a view of eliminating all colors which do not harmonize either in cut flowers or garden planting, giving a most interesting and satisfactory mixture to grow.

Price . . per hundred, \$5.00; per thousand, \$40.00

***Primulinus Hybrid Mixture**

Obtained by crossing the species Primulinus with the larger varieties. They have retained all the daintiness and graceful form of their Primulinus parent, even to the "hood" formed by the drooping of the upper petal, and have an added beauty of exquisite coloring, from the softest primrose to a beautiful rose.

Price . . per dozen, 75c; per hundred, \$5.00



ROSES FOR OUTDOOR PLANTING

CULTURAL NOTES

The cultivation of Hybrid Tea Roses is as follows:

THE SOIL: The soil which best suits the Rose is a deep, unctuous loam, with free drainage, as Roses do not thrive where there is stagnant moisture. If these conditions are not to be had naturally, they must, as far as possible, be provided. In the first place, if drainage is bad, the soil must be thrown out to a depth of 18 inches, and, if it is not convenient to use tiles, about 5 or 6 inches of broken bricks or other rough material should be thrown in the bottom, and a layer of turf laid on top grassy side down. On the top of the turf should be placed a layer of well-decayed farmyard manure, then a light layer of soil, and another layer of manure, on top of which should be placed the remainder of the soil, to which, if light and sandy, should be added a liberal supply of well-chopped-up turf, raising the whole of the bed to a height of about 12 inches above the original level of the soil. In case of heavy land, a layer of lime rubble should be added, as this will help to sweeten the soil.

PLANTING should be deferred until the soil is in proper condition to receive the plants, as it is a great mistake to plant in wet soil. Teas and Hybrid Teas should be planted about 18 inches apart and the Hybrid Perpetuals 2 feet apart, keeping all manure away from direct contact with the roots when planting. Firm the soil well around the plants and give a thorough watering.

PRUNING: All the short, prematurely ripened wood and all small shoots should be cut clean away, leaving just the strongest shoots, from 4 to 6 inches long. Pruning should be done immediately after the plants are set out, if it has not been previously done.

This close pruning does not apply to the Hardy Climbers of Ramblers; these should be shortened back if they have grown beyond their allotted space and thin out the very small shoots.

PROTECTION: Before the ground freezes solid the soil should be pulled up around the base of the plants, 7 or 8 inches, and the surface of the bed afterward well covered with dried leaves or cornstalks. When so protected, even the most tender varieties of Hybrid Tea Roses are entirely hardy as far north as Winnipeg.

INSECTS: Caterpillars and Rose Grubs are the worst pests that attack roses, and these should be destroyed by hand picking when they first appear. Green flies are also troublesome in most sections but if the plants are syringed carefully with a solution of soft soap in the proportion of one pound to six gallons of water with some tobacco dust added to the same it will be found effective.

MILDEW: This will appear on rose plants in the early autumn or during the summer if the weather is very, very wet. The best preventative is Sulphide of Potassium used in the proportion of $\frac{1}{4}$ ounce to a gallon of water and sprayed on the foliage once a week, when the mildew first makes its appearance.

The condensed list on the following pages are the cream of the varieties suitable for American culture today, especially our introduction "America" which has asserted itself as being the very finest outdoor pink Rose so far produced.



"SOUV. DE CLAUDIUS PERNET"

SOUVENIR DE GEORGES PERNET

LAST year we were fortunate in being able to introduce the Pernet Rose, "Souvenir de Claudius Pernet." This year we are again favored in having the new Pernet novelty "Souvenir de Georges Pernet" to offer to our customers.

While this is not as sensational in color as the "Claudius Pernet," we know it is one of the most promising bedding Roses offered in many years. It is wonderfully vigorous in growth and freedom of bloom. The color of the flowers, which are exceptionally large and of globular form, is a brilliant orient-red, shading to cochineal-carmine at the end of the petals and the entire Rose is suffused with a golden sheen, making it one of the most attractive colored Roses that has been offered in many years.

Price . . . one year old plants, \$3.00 each ; per dozen, \$30.00

SOUVENIR DE CLAUDIUS PERNET

THIS Rose which is a Pernetiana seedling seems destined to give us what we have long waited for, a golden yellow Rose which will stand our rigorous requirements and will not turn white around the edges as does most every other yellow Rose. Our representative personally studied this Rose in Paris, where in 1920 it was awarded the gold medal in the International contest as being the best seedling Rose of the year, and this, in competition with seedling Roses entered from all other countries.

We are convinced that this is the best yellow Rose so far introduced for the garden. The orange yellow shade so prominent in such sorts as Mrs. Ward or Sunburst is entirely absent here and Souvenir de Claudius Pernet with its clear shining yellow color created a veritable sensation among all the visitors to the numerous exhibitions where we were enabled to show same.

The foliage is free and vigorous and the shining leaves looking as though they are varnished are wondrously attractive even before the flowers appear.

We have for many years in growing Roses, seen some beautiful shades of yellow in flowers but must say we have never seen any color so handsome as the yellow in this variety.

The growth of the plant is very sturdy and clean and this variety will prove successful in all sections of the country.

One year old plants of Souvenir de Claudius Pernet:

Price . . . per plant, \$2.50 ; per dozen, \$25.00



"AMERICA"

“AMERICA”

DURING the past fifteen years we have been instrumental in introducing many fine varieties of Roses for the Hardy Garden. This year we have the variety “America,” and we are justly proud of this variety, which is in every way the best Rose that has been introduced to date.

It blooms continuously from early May until heavy frost, on stems two and one-half to three feet long, and the color is the most glorious glowing rose-pink imaginable. The buds are long and pointed, and open up most artistically as the outer petals fold back, leaving the high-pointed center fully exposed.

When one considers that we now have such fine varieties as Columbia, Premier, Madame Butterfly, Claudius Pernet, etc., etc., it must be a masterpiece that surpasses them, but we positively guarantee that this Rose cannot be surpassed by any variety on the market to date.

It is of Ophelia habit in the fact that it is disease resistant, always having a clean glossy foliage at all seasons of the year. It rivals the American Beauty in size of flower, and we strongly suggest that if you are looking for a marvelous Rose you will make no mistake in growing “America.”

This variety was awarded two Silver Medals, and numerous other prizes at the Flower Shows.

Two year old dormant plants, delivery March and April.

Price . . per plant, \$2.50; per dozen, \$25.00

For those who cannot plant their garden before May or June we will have pot plants of this variety, two year old stock in full leaf, that will flower almost immediately after being planted at the same price.

Price . . per plant, \$2.50; per dozen, \$25.00

HYBRID TEA ROSES

These are unquestionably the true perpetual hybrids; the strong infusion of Tea blood into the old perpetuals has, by judicious hybridization, produced in the last decade an entirely new race of Roses. No words of praise can adequately convey the extreme beauty and unique usefulness of this glorious section which now dominates all other sections of bedding Roses. The superb vigor, the healthy and abundant growth and foliage, the profusion of bloom, the exquisite coloring and beautiful formation of the flowers and buds of this new race, at once place it without a rival in the Rose garden.

Price . . . per plant, \$1.25; per dozen, \$12.00



COLUMBIA

We are very proud of this Rose, our introduction of 1918, which has proved itself to be one of the finest of the out-door pink Roses, so far introduced. It is strong and sturdy in growth, with handsome foliage which is almost immune to the ravages of black-spot and mildew. The color is a glowing pink, and unlike most pink flowers, when it is fully developed, it is more vivid in color than in the bud state and the flowers last longer than any other variety.

"A Rose without a thorn," almost, as it is thornless 10 or 12 inches below the flower and has very few thorns on the stem.

Angelus

The most beautiful creamy white Rose in existence today and an introduction that should be well received as we have been looking for a good white Rose many years. Angelus is ideal in every way; color, form, fragrance and growing habit; free-flowering. The center of the flower is very high pointed and as the buds open the outer petals curve back and this with the high center gives a most charming effect. The foliage is heavy and clean and the dark green leaves in contrast with the creamy white buds is most effective but must be seen to be fully appreciated.

Amalie De Grieff

Rose color, tinted white; blooms long and shapely. Splendid variety for cutting. Clean foliage.

Baroness Rothschild

A very large rose of pale silver pink; one of the best of the perpetual type.

Betty

Coppery yellow, overspread with golden rose; long, pointed buds.

Caroline Testout

Salmon pink, large and very free; one of the very finest Roses ever produced for any purpose.

Constance

Long orange-yellow bud; streaked with crimson; large, full flower; a greatly improved Rayon d'or.

Captain Christe

Soft salmon pink with deeper center, large and free flowering.

Duchess of Wellington

Intense saffron yellow, stained crimson, long, pointed flowers, of wonderful fragrance and very productive.

Frau Karl Druschki

Pure snow white, long pointed buds, large, full flowers.

Florence Pemberton

Large creamy white, flushed peach, very productive in Summer and Fall. Bright glossy foliage.

Grange Colomb

Deep, rich creamy yellow with deeper center of salmon-fawn pink. Nice bedding variety.

General MacArthur

Deep velvety scarlet; free and erect branching.

George Arends

Rose colored, very free and fragrant.

Golden Ophelia

Introduced by us three years ago and has proved itself one of the most popular yellow roses for the garden. The demand for this rose has exceeded the supply until this year. It is a clear bright yellow in color and while the individual flowers are not large it produces quantities of blooms at all times.

Gruss An Teplitz

Brightest scarlet crimson; splendid rose for massing.

Harrisonii

One of the Austrian Brier type; golden yellow, semi-double, and very free flowering.

Harry Kirk

Deep sulphur yellow; medium sized blooms.

Hoosier Beauty

A rich, velvety crimson in color with deeper shadings. It is as fragrant as Richmond, has more petals and better keeping qualities.

Hugonis

A remarkably hardy variety, blooming the first week in May, and growing about six feet in height; single, dainty yellow flowers, growing on the branches like Hollyhocks. Immune from diseases of all description.

J. K. L. Mock

Inside of petals deep cherry red with outer petals silvery pink; very large flowers borne on long, stiff stems. Has been a favorite of Rose lovers for many years, as it is so hardy and satisfactory in every way.

Killarney

Pale flesh pink, flushed deeper pink; very free and perpetual.

Kaiserin Augusta Victoria

Creamy white; immense substance; petals smooth and nicely arranged. A popular variety.

La Tosca

Soft pink, tinted rosy white, very fragrant.

Laurent Carle

Deep rosy carmine, full flowers, very fine grower.

Lady Hillingdon

Very free-blooming and beautiful, even, coppery yellow in color all through the year and particularly fine.

Lady Alice Stanley

The outside petals are a deep rose-pink; inside pale flesh, slightly flushed with a deeper shading, a most beautiful color combination. Blooms are very large and full, of great substance and productiveness and one of the most fragrant Roses in existence.

Lady Pirrie

Outside of petals, deep coppery reddish-salmon, inside of petals flushed fawn on copper; large, full, long-pointed flowers, opening freely and flowering in immense profusion.

Los Angeles

Growth, very vigorous, flowers luminous flame-pink toned with coral, with lighter shadings at the base; buds are long and pointed and expanding to a flower of mammoth proportions; very fine form. Vigorous foliage.

Price . . . per plant, \$1.50; per dozen, \$15.00



MADAM BUTTERFLY

DESCRIBED as a glorified Ophelia. It is altogether more vigorous in growth than its parent, Ophelia, as grown side by side in our establishment. Foliage and habit can be most quickly described as unsurpassed by any existing variety. The individual bud is larger and the color tints of Ophelia are greatly intensified, making it a harmony of bright pink, apricot and gold. It is so much superior to Ophelia in every way that we predict it will take the place of the latter variety.

Dormant plants, April delivery; or 5-inch-pot plants, May and June delivery.

Price . . per plant, \$1.25 ; per dozen, \$12.00 ; per hundred, \$100.00

Mrs. Aaron Ward

A general favorite rather short in bud, but wonderfully free flowering. In the bud state color is a beautiful, rich yellow, which changes to shades of pink as the flower develops.

Mrs. Arthur Coxhead

Claret-red, shading vermillion towards the edge with a bright rosy sheen towards the base of the petals, wonderfully fragrant.

Mrs. George Shawyer

Clear bright rose-colored bloom with high pointed center and brilliant glossy foliage. Very free-flowering, doing well in all sections of the country.

Mrs. John Laing

Soft pink; well formed; one of the best. Perpetual type.

Mrs. Wakefield Christie-Miller

Soft, pearly blush, shaded salmon—loose flowers of very distinct appearance.

Mrs. A. R. Waddell

Reddish-salmon in color; strong grower and very healthy in habit.

Madame Abel Chatenay

Carmine rose, shaded salmon; large, full flowers opening freely.

Mme. Edouard Herriot**SYN. Daily Mail Roses**

Color of this Rose is a gorgeous combination of reddish terra cotta and bronze, with flame shadings; almost impossible to describe; foliage bright and glossy and practically mildew-proof. Artists have raved over this variety for the past two seasons in Europe.

Mme. Jules Bouche

One of the finest garden roses in the white section; of splendid form and a very strong grower. We cannot too highly recommend Mme. Jules Bouche to any grower looking for a good white variety.

Madame Segond Weber

Pure, light rosy salmon; vivid center.

Miss Lolita Armour

Deep coral-red with a golden coppery-red suffusion. Base of petal rich golden yellow with coppery red sheen. Strong growing habit and very free-flowering. One of the most fragrant of the entire list of Garden Roses. Won Gold Medal in Bagatelle, France, as being the best Novelty Rose on exhibition for 1921.

Price . . per plant, \$2.50 ; per dozen, \$25.00

Ophelia

Color clear, bright salmon often deepening toward golden pink; wonderfully fragrant, with long pointed buds and stiff stems. Large, handsome foliage, showing that it is a wonderfully free bloomer and grower and not prone to mildew. Growth free and continuous.

Premier

Rose Premier is a cross between Ophelia and Russell. It has the stiff, thornless stem and quick free growth of Ophelia, with ample foliage, approaching Ulrich Brunner or American Beauty in arrangement and size of leafage. The habit is perfect for a forcing Rose; the breaks come quickly and are of fine length, everyone producing a flower, even the shorter stems giving fine quality of bloom.

Queen of Fragrance

Pale shell pink tipped silvery pink, very free flowering and one of the most fragrant varieties introduced to date. Awarded a certificate by the National Rose Society.

Radiance

A splendid and popular Rose; deep pink in color. Will produce three-foot breaks without pinching, almost mildew-proof, and a wonderfully fine Rose to handle.

Red Radiance

A duplicate of its parent in every respect save color, which is a braillint red; very free flowering in habit and vigorous in growth. A wonderful variety in every way and a welcome addition.

Rose Marie (Dorner)

Clear brilliant pink. Was originally distributed as a forcing Rose but later proved itself such a wonderful acquisition as a Garden Rose, it was and still is, used for this purpose almost entirely at this time. Free-flowering in habit and clean in growth.

Price . . per plant, \$1.50 ; per dozen, \$15.00

Sunburst

The bud is long and pointed and when first opening is a deep shade of orange-copper. When fully developed, in common with almost all other yellow Roses, the color is somewhat lighter.

Ulrich Brunner

Cherry red; very large and of fine form.

White Killarney

Similar to Killarney in all respects save color. Most largely grown white in cultivation today.

Wm. F. Dreer

Soft silvery pink in color with golden yellow base on each petal which in the early fall throws a golden suffusion over the entire flower. Long-pointed buds and splendid growing habit.

Price . . per plant, \$2.50 ; per dozen, \$25.00

SPECIAL

Our selection of any twelve of the above varieties for \$10.00

BABY RAMBLER AND DWARF POLYANTHA ROSES

Price: . . per plant, \$1.00; per dozen, \$10.00

These are delightful for massing in beds, or as edges for borders. They are most profuse and continuous bloomers and their small, neat flowers are produced in large clusters.

Erna Teschendoref

Deep crimson which does not fade; a valuable sport from Levavasseur.

Katherine Zeimet

Pure white; small and double; very free and good.

Jessie

Glowing crimson; the finest red to grow.

Lafayette

A strong growing very profuse flowering Polyantha; crimson-scarlet in the bud, developing as it expands to a brilliant rosy-cerise. It is borne in clusters of good size, the individual flowers being about the size of Paul's Scarlet Climber.

Orleans Rose

Brilliant rosy red; immense trusses of bloom.

Phyllis

Bright carmine pink, of erect, branching growth; one of the freest and finest in this section.

NOVELTY POLYANTHA ROSES

CORAL CLUSTER

The most brilliant coral-pink Polyantha Rose introduced to date. This variety comes to us from England, and is one of the very finest of its type.

Price . . per plant, \$1.50 ; per dozen, \$15.00

ROSES

To customers desiring greenhouse grown roses for planting outdoors we can supply Columbia; Premier; Mdm. Butterfly; Ward; White Killarney and Ophelia, two year old plants, from the benches at

Price . . per dozen, \$5.00 ; per hundred, \$35.00

STANDARD TREE ROSES

We offer a collection of Specimen Standard Tree Roses, which are growing on stems 4 feet in height. They are wonderfully effective for planting in isolated spots in the Rose garden.

Price . . per plant, \$2.50; per dozen, \$25.00

CLIMBING ROSES

Price . . per plant, \$1.00; per dozen, \$10.00

American Pillar

Single-flowered variety of great beauty; flower 3 or 4 inches across borne in immense clusters. Brilliant shade of pink with clear white eye; wonderfully decorative even when not in flower as the blooms are followed with brilliant red berries and this variety retains its foliage much later than most varieties.

Bess Lovett

A brilliant clear red, climbing Rose with large glossy foliage, and very sweetly scented.

Price . . per plant, \$1.50; per dozen, \$15.00

Carissima

Delicate flesh-pink, a dainty variety in every way.

Climbing American Beauty

This is one of the best of the Climbing Roses. A strong, vigorous grower with large flowers of pleasing rose pink, freely produced.

Climbing Columbia

A climbing form of the popular Columbia that sported with us two years ago. While it needs protection in the northern states it will be a wonderful Rose in the south as it will produce canes six to ten feet in length and bloom profusely from the side shoots. Flower is identical in every respect with the parent Columbia, one of the most popular pink Roses grown today.

Strong plants from 4-inch pots that we guarantee to bloom and give every satisfaction.

Price . . per plant, \$1.50; per dozen, \$15.00

Climbing Ophelia

Identical in every respect as to flower with the well-known Ophelia but this climbing habit is going to make Ophelia very valuable for the southern tier of states where it will be perfectly hardy.

Price . . per plant, \$1.50; per dozen, \$15.00

Dr. W. Van Fleet

Beautiful flesh-pink, borne on long stems; buds long and pointed, plants very strong, brilliant dark glossy foliage, mildew-proof, splendid for cutting.

Dorothy Perkins

Clear, bright pink, trailing growth, profuse bloomer.

Gardenia

Bright yellow, changing to creamy white.

Hiawatha

Forms splendid long sprays of very large blooms; color of individual flower, brilliant ruby with a clear white eye. One of the best climbers we offer.

Lady Gay

Delicate pink; larger in flower than Dorothy Perkins.

Mary Lovett

A superb white climbing Rose of the Hybrid Tea Type, blooming in summer and fall. This is the purest white climbing Rose introduced to date.

Price . . per plant, \$1.50; per dozen, \$15.00

Paul's Scarlet Climber

The flowers are medium in size, being semi-double and carried three to six flowers on each spray. Paul's Scarlet Climber has received several gold medals.

Price . . per plant, \$1.50; per dozen, \$15.00

Silver Moon

Pure white in color with yellow stamens in the center, showing up a very attractive variety. Foliage bronzy green; stems of flowers very long and fragrance very lasting.

Tausendschoen

Delightful shade of soft pink when first opening; produces in clusters of ten to twelve flowers; one of the very finest of the entire climbing section.

Price . . per plant, 25c

White Dorothy

Pure white sport of Dorothy Perkins, identical in every way except color, which is snow-white.



HARDY PERENNIAL PLANTS

Year after year, there is an increased demand for the Hardy Perennial type of plant. This is accounted for by the fact that once Perennials are placed in their location, a little care is all that is necessary to keep them growing satisfactorily, and they will give quantities of flowers and a riot of color in the garden or hardy border from early spring to late fall.

All plants listed below are field-grown clumps, guaranteed to give immediate results.

Price . . each, 30c; per dozen, \$3.00; per hundred \$20.00, except where noted.

Achillea (Yarrow)

PTARMICA FL. PL., "THE PEARL." Pure white, double flowers; one of the very finest things ever sent out; produces profusely the entire summer. Splendid for cut flowers. 2 feet high.

Aegopodium

PODAGRARIA VARIEGATA. A quick growing plant with green and yellow foliage, which does well in all sections; splendid border plant. 1 foot.

Agrostemma (Rose Campion)

WALKERII. Brilliant rose-crimson; excellent for cutting. 2½ to 3 feet.

CORONARIA ALBA. Pure white, with hairy silver leaves. 2½ to 3 feet.

Alyssum (Rock Madwort)

SAXATILE COMPACTUM. Splendid plant for the rockery of border, growing a foot high; golden yellow flowers with dense, compact heads. 1 foot.

Anchusa (Alkanet)

DROPMORE VARIETY. Rich gentian blue; one of the earliest of the blue flowers. Plants form beautiful specimens, 3 to 4 feet high. One of the most exquisite blue flowers for the garden.

Anthemis (Hardy Marguerite)

KELWAYII. Large golden yellow daisy-like flowers produced continuously all summer. This golden yellow flower attains a height of 2½ feet.

Arabis (Rock Cress)

ALPINA. Pure white flowers produced in dense masses, splendid for border work and last quite some time when cut. Forms a dense carpet of white flowers.

AQUILEGIA (*Columbine*)

The native flowers of North America are wonderfully useful; cast-iron in their hardiness and when cut on their dainty long stems when flowers are in bloom, are most attractive.



CALIFORNIA HYBRIDS. Very beautiful hybrids; sepals and petals tinged with orange with long spurs of orange red. 2 to $2\frac{1}{2}$ feet.

GRANDIFLORA. Superb type —long spurred hybrids mostly pure white or light in color. 3 feet.

CHRYSANTHA. Golden yellow variety; sepals primrose yellow, petals deeper yellow, shaded with claret at the tip. 3 feet.

TOTTY'S LONG SPURRED HYBRIDS. Distinct long spurred hybrids, very strong in growth; flowers very long in size, varying in color, creamy white, pink, pale blue, etc., etc.

SKINNERII. Bronzy red type of the above.

**HARDY ASTERS****OR MICHAELMAS DAISIES**

These lovely fall-flowering subjects which are natives of North America and absolutely hardy in any section of the country, deserve much more extensive cultivation. The following varieties are the cream of the European collections and are well worthy of a place in every garden, since they are so distinct in type and novel in colors.

Climax

Beautiful light blue and when full grown will measure two inches across.

Doris

This pure white variety, with splendid habit and spray is one of the best of the large-flowering whites, coming into flower the first week in September. Height 3 feet.

Eileen

Old rose color; medium-sized flowers, produced in great profusion on very graceful sprays; flowering end of August. Height 3 feet.

Francis Sands

Lovely Cornflower blue, very novel color in Asters. Nicely shaped flowers of medium size; very striking; pyramidal habit; flowering in September. Height 4 feet.

**Bellis (English Daisy)**

PERENNIS. Double pink, very largely used as a spring bedding plant. 6 inches.

Bocconia (Feathery Poppy)

CORDATA. Flowers insignificant in size, but very numerous, borne in large terminal panicles, but distinct in appearance. 5 to 6 feet. Very hardy habit.

**BUDDLEIA VARIABILIS VEITCHIANA**

Beautiful violet mauve; a splendid summer-flowering shrub, absolutely hardy under any conditions; flowers are borne on long, cylindrical spikes, 12 to 15 inches in length; flowers the first season it is planted; a beautiful plant, 3 to 6 feet.

BUDDLEIA VARIABILIS MAGNIFICA. Similar to the above, only difference being the flower is a deeper color, shading toward rose.

Innocence

Pure white, fully open September 1st, very early and good. Height 3 feet.

Mrs. H. Morris

Rich pink; very free, with flowers produced in profusion. Height 4 feet.

Mrs. Davies Evans

Beautiful heliotrope blue, flowering September 1st. Height 4½ feet.

Mrs. Walkerdine

Pale blue. Height 3½ feet. Very valuable for cutting.

Mrs. D. Mitchell

Pure pink, resembling St. Egwin, but much taller and far superior. Height 4 feet.

Ryecroft Purple

Very strong grower; flowers 2 inches across, freely produced. Height 5 feet.

St. Egwin

Lovely shade of pure light pink, very popular and showy. Height 3 feet.

Tataricus

Distinct, large bluish violet variety. Very late blooming kind. Height 6 feet.

Wm. Bowman

Rosy purple that is satisfactory under all conditions and one of the very best known of this type. Height 4 feet.

Baptista (False Indigo)

AUSTRALIS. Splendid border plant, growing about two feet high, with spikes of dark blue flowers in June.

Boltonia (False Camomile)

ASTEROIDES. Flower heads pure white; flowering at the same time as the popular Michaelmas Daisies; 5 to 6 feet tall.

LATISQUAMA. Beautiful pink flowers; 5 feet.

Campanula (Bell Flower)

The Campanulas mentioned below can be grown in any average garden and when potted and allowed to flower indoors are among the finest subjects for spring decorations.

BLUE. Single type.

WHITE. Single type.

PINK. Single type.

CAMPANULA CALYCANTHEMA (Cup and Saucer variety)—White, rose and blue, splendid when grown in a small group or in masses. Height 3 feet.

MEDIUM. Assorted colors; white, pink and mauve. Single varieties in same colors. Height 2½ to 3 feet.

CARPATICA. A pretty species which only grows 5 to 8 inches.

PERSICIFOLIA ALBA. White Peach Bells. Height 2 feet.

PERSICIFOLIA, BLUE. The Blue type. Height 2 feet.

Hardy Carnation

ALLWOODII TYPE. Assorted varieties attaining a height of eighteen inches.

Cassia (Senna Plant)

MARILANDICA. Bushy growing plant which attains a height of about 3½ feet. Flowers profusely from July to August. Flowers form in panicles of brilliant yellow masses. Foliage pale green making a pleasing combination.

Centorea (Knapweed)

MONTANA. The Perennial Cornflower, producing large violet-blue flowers from July to September. 2 feet high.

Cephalaria (Roundheads)

ALPINE. Tall growing plants; 5 to 6 feet; delicate sulphur-yellow flowers.

Cerastium

TOMENTOSUM. Silvery, low-growing foliage plant which is used very largely for planting dry, sunny spots. Carpet growth.

Chelone (Shell Flower)

BARBATA. Hardy border Perennial of Pentstemon-like habit, producing long spikes of brilliant scarlet flowers. Has not been grown very extensively in this country as yet. Height 3 feet.

Chrysanthemum (Shasta Daisy)

MRS. CHARLES L. BELL. A fine improved form of the *King Edward VII* Daisy, blooming continuously during the months of June and July, and attains a height of about 2½ feet.

Chrysanthemum Leucanthemum

LEVIATHAN. This is by far the finest of the Shasta Daisy type so far evolved. Under favorable conditions flowers can be cut with rigid stems from 2 to 3 feet in length. The flowers are a wonderful improvement over the Shasta Daisy in every way, so under equal conditions the flower will be at least twice as large.

Price . . per clump, 50c ; per dozen, \$5.00 ; per hundred, \$35.00

Convallaria (Lily of the Valley)

LA COLOSSE. Wonderfully improved type of the well-known Lily of the Valley, producing flowers with fifteen developed bells on the individual spray with a stem a foot or more in length.

Coreopsis (Tickseed)

LANCEOLATA GRANDIFLORA. Rich golden yellow. One of the finest flowers for cutting ever introduced to cultivation. Height 3 feet.



LEVIATHAN



DELPHINIUMS, OR PERENNIAL LARKSPURS

The present day Hybrid Delphiniums give a wonderful range of color, running from pure white to royal purple, through the most marvelous shades of azure, gentian, blue and sapphire. Many of the newer varieties have a large, distinct center, shaped like a bee, which is always of a different shade of color than the surrounding petals and furnishes a gorgeous contrast. Many of the light blue have a deep black center or bee. In some of the others the bee is a brilliant Rose color, against a dark blue ground.

For the benefit of those who insist on having certain special colors and types for exhibiting at the Summer shows, we did import the named varieties from Europe, but we have developed a strain of our own here in America, which, owing to their increased vigor and constitution, are far superior and more satisfactory to the average buyer than the very best named sorts.

We have made a specialty of Delphiniums now for some years, as we realize their utility and feel there is a place in every garden in the country for these sterling plants.

Belladonna

Lovely shade of light blue and is the variety most largely grown for cut flower purposes for the wholesale market. Height 3 feet.

Price . . per plant, 50c; per dozen, \$5.00; per hundred, \$35.00

Delphinium Butterfly

A brilliant blue flower of compact habit, about the same height as Chinense, 15 inches, but a wonderfully colored bright blue variety. Splendid for edging borders or beds of smaller plants.

Price . . per dozen, \$5.00; per hundred, \$35.00

Delphinium Chinense

This species is a native of China and of all the many types of Delphiniums we consider it the best, either for cut flower or bedding purposes. Grows from 1 to 2½ feet high, depending on the richness of the soil. Blooms continuously from early Spring until late Fall. Color, a wonderful shade of blue.

Price . . per clump, 50c; per dozen, \$5.00; per hundred, \$35.00

DELPHINIUM SEEDLINGS

TOTTY'S
SPECIAL
HYBRIDS



Price

per dozen, \$3.00 ;
per hundred, \$20.00

As the result of years devoted to their culture, we can offer for spring planting seedling clumps of the very finest named types and challenge comparison with any other house in the country with our seedling Delphiniums. Were they grown in Europe, many of them would be named and sold at a high price. Dozens of letters were received by us the past year complimenting us on our superior seedling Delphiniums and many of them stated that though they had grown Delphiniums for years, they had never received plants that gave so much satisfaction and pleasure as our seedlings. 3-inch pot plants, April delivery.

Dianthus (Garden Pinks)

DELTOIDES. Assorted colors. This is the creeping variety of pink booming in June and July, and used to a great extent in rock gardens.

DELTOIDES FL. PL. The double form of the above.

Digitalis (Foxglove)

The lovely Foxgloves with their stately spikes of lovely, often times spotted flowers must be considered among the most charming objects of the hardy border and rockery. They thrive best in partly shaded situations, have an ironclad constitution and live for years, increasing in size and beauty as time rolls by.

GLOXINIAEFLORA (*GLOXINIA FLOWERED*). Assorted strain of spotted varieties. 5 feet.

MONSTROSA. Very large flowers, in rose-purple and white. 4 to 5 feet.

Echinops (Globe Thistle)

SPHEROCEPHALUS RITRA. Round head of bluish white, attractive flowers. 3 feet.

Eryngium (Sea Holly)

This plant produces flowers in August and September, which may be cut and dried for winter bouquets.

PLANUM. Handsome blue variety. 2 to 3 feet.

Erigeron (Fleabane)

SPECIOSUM. Marguerite shaped flowers that are very useful for cutting, and do well in any soil. Flowers in July and August attaining a height of two feet.

Hibiscus (Marshmallow)

MOSCHEUTOS. Large bright pink flowers on bushes about 4 feet high.

ALBA. White form of Moscheutos, growing same height.

Helianthemum (Rock Rose)

CROCEUM. Very pretty low-growing evergreen plants, orange red in color. 6 inches.

Helianthus (Perennial Sunflower)

MISS MELLISH. Very large, bright yellow flowers. 4 feet high.

Helopsis (Orange Sunflower)

PITCHERIANA. Daisy-shaped flowers of deep orange color; fine for cutting. 3 feet.

ZINNIAFLORA. Double flowering type of the orange Sunflower, growing 3 feet high.

Hemerocallis (Yellow Day Lily)

AURANTIACA. Orange color, shaded bright yellow.

FLAVA. Best known variety; very fragrant; deep yellow.

Hollyhock

No old-fashioned garden is complete without Hollyhocks. Their stately spikes produce bold effects that cannot be obtained with any other flower. We offer the best assortment of double and single kinds. Newport Pink, Maroon, Scarlet, Yellow.

Funkia (Plantain Lily)

VARIEGATA. Variegated foliage plant of green and white leaves, usually used for borders. Late in the season it produces a spike of lavender flowers. Plant does not attain a height of over 10 inches but flower will run up to about 2 feet.

Galega (Goat's Rue)

OFFICINALIS. Purplish blue, pea-shaped; 4 feet tall. Must have sufficient room for development.

Gaillardia (Blanket Flower)

GRANDIFLORA. One of the best known Hardy Perennials, growing to a height of about 20 inches. Blooms from early June until frost. Flowers rich red brown with edges of petals bright golden yellow.

Geum (Avens)

MRS. BRADSHAW. A new, large, double, scarlet variety, much better than any of this type previously introduced, blooming the greater part of the summer and fall. Height 15 inches.

Gypsophila (Baby's Breath)

PANICULATA FL. PL. Double form of *Paniculata*. Pure white; 3 feet high. Most useful flowers grown for summer cutting; very scarce.

Price . . per plant, 50c; per dozen, \$5.00

PANICULATA. Pure white flowers, splendid for use in decorating and making up bouquets. 2½ feet.



HELENIUM

(HELEN FLOWER)

This magnificent perennial during its blooming season from early August until middle of September, literally produces hundreds of beautiful from yellow to bronze-colored flowers. The flowers on one and the same plant vary in colors according to their growth and different stages of development. No prettier sight graces the garden than a well-developed border of Helenums.



AUTUMNALE SUPERBUM.

Broad, spreading heads, deep, golden yellow flowers. One of the most striking flowers in cultivation. 5 to 6 feet.

AUTUMNALE RUBRUM. Similar to Superbum but has bright terra cotta red flowers; makes a wonderful display during the month of September. 5 to 6 feet.

Iberis (Hardy Candytuft)

Among the many species of plants particularly suitable for dwarf beds, borders and the rockery, none surpass the hardy Candytufts in making a rich showing during their flowering season. The foliage also is quite ornamental, while the flowers, climbing and rambling in all directions, lend a picturesque touch whenever the plants are used.

LITTLE PRINCE. Dainty and distinct; beautiful species of snow white flowers. 6 inches.

GIBRALTARICA. Delicate pink; dwarf in habit and completely covered with small pink flowers.

Inula (Flea Bane)

ROYLEANA. Splendid Himalayan species, deep golden yellow; good substance and form, splendidly adapted for cut flowers. 2 feet high.

Prices on All Perennial Plants

Price . . per dozen, \$3.00 ; per hundred, \$20.00

Except where otherwise noted

TALL LARGE-FLOWERING BEARDED FLAG IRIS

FLEURS-DE-LIS

*"Spend all you have for loveliness,
Buy it and count not the cost."*

(SARAH TEASDALE—A Magazine of Verses).

Between tulip time and rose time the mainstay of the garden for masses of color is found in the modern forms of the bearded Iris. The all pervading loveliness of a garden well planted with the choicer forms of the older and the newer introductions is breath taking. In no flowers are returns surer or more satisfying. Buy Irises; plant Irises; until you have a good collection and when the lure of May and June is upon your garden you will agree that you have never had so much "carefree" beauty.

DIFFICULT SLOPES AND BANKS

If you have such places to cover and protect, write us for suggestions. The vineyardists of Southern Europe discovered years ago that there is no "wash" in a soil full of Iris roots.

CULTURE AND PLANTING

Do not use manure. Lime the thoroughly prepared bed well and given an annual top-dressing of lime in the Fall, with a top-dressing of bonemeal in early Spring. Do not plant in deep shade. Open woodland paths, if well drained, make admirable locations for broad masses of Iris, a notable example being the Iris Path on Admiral Ward's beautiful place.

Plant 3 feet apart and wait for clumps to form; or 1 foot apart for more immediate effect. Barely cover the rhizomes. Planting may be done at any time the ground is open, but the ideal time is through the months of July, August and September. The new growth is then active and the root quickly establishes itself for blooming next season. Late plantings should be mulched with leaves or straw, not manure.

PRICES AND QUALITY OF ROOTS

Strong single roots are furnished at the prices quoted and every care is exercised to have the plants true to name. Your satisfaction is our success.

In the case of rare varieties where stock is limited, orders will be filled in sequence of receipt and accepted subject to stock in hand, but will not be shipped until after the blooming season, preferably in early August.

In the description, "S", is used to designate the standards or upright petals, "F", the falls or drooping petals.

SOME NEW AND SOME LESS-KNOWN IRISES

Alcazar (Vilmorin)

A branching plant, tall and stately with a long flowering season. S. light mauve, F. deep rich purple. First class certificate, London. 40 inches.

Price . . per plant, \$1.50

Ambassadeur (Vilmorin)

S., smoky reddish satin in paler tones than the deep rich velvety maroon falls which are held at right angles. A tall regal plant and considered one of the best of late introductions. Award of Merit, London. Certificated by National Horticultural Society of France. Stock limited.

Price . . per plant, \$7.50

Aurora (Foster)

S. and F., pale lilac pink. Large flower on strong, erect stems. Good for isolated clumps. 4 feet.

Price . . per plant, \$1.00

Dawn (Yeld)

Pale yellow flower. The plant is of unusual vigor and freedom in bloom and its creamy mass makes happy association for the deeper colored Irises. 32 inches.

Price . . per plant, \$1.50

Delila (Denis)

A new French introduction of great beauty. S., flesh white; F., rich red with very little suggestion of pink. Free in bloom and distinct in color. A seedling from I. Ricardii. Fall delivery only.

Price . . per plant, \$3.00

Dejaset (Vilmorin)

Certificate, Paris. A superb flower of dusky orange-rose, deeper in the falls. Early in bloom and plant medium in height. Stock limited.

Price . . per plant \$5.00

Edouard Michel (Verdier)

The true variety is scarce. Wide spreading blossoms of deep wine red on three foot stems. This is an imposing Iris when well grown and properly placed among creamy whites or pale yellows. Award of Merit.

Price . . per plant, \$2.50

Eldorado

To those who like "art" colors in flowers this will especially appeal. A large flower on slightly flexuous stems 3 feet tall. S., yellow, brown and heliotrope; F. violet touched with bronzy yellow, while the style arms are clear gold. Fall delivery.

Price . . per plant, \$1.00

Isoline (Vilmorin)

A. M., R. H. S. S., soft yellow pink; F., deep old rose. A very large flower on 3-foot stems. It is a queen of the garden at Iris time.

Price . . per plant \$1.00

Jeanne D'Arc (Vilmorin)

A. M., R. H. S. A wide open flower with ruffled edges lightly traced in pale lilac, with the entire style branches a fresh, clear lilac 32 inches.

Price . . per plant, 75c

La Neige (Verdier)

A white variety remarkable for its form and substance which give to the flower the appearance of exquisite ivory. It will reward the gardener sympathetic with its demands for an especially well drained spot. 20 inches.

Price . . per plant, \$2.50

Lent. A. Williamson (Williamson)

An American introduction which scored the highest mark in the recent Symposium conducted by The American Iris Society. It is massive in growth and flower. S. lavender violet and F. velvety pansy violet. 42 inches.

Price . . per plant \$5.00

Magnifica (Vilmorin)

Certificate, Paris. A tall plant, 4 feet carrying immense flowers of violet-blue tone deeper in the falls. The flower measures over six inches from tip

to tip and is sweetly scented. Said by Vilmorin to be the largest flowered Iris he has ever sent out. Stock limited.

Price . . per plant, \$10.00

Miss Wilmott (Foster)

A fine white, sometimes washed in blue and the flower stem variable in height. A large flower and considered by Sir Michael Foster one of his finest seedlings. It must have sharp drainage and sun.

Price . . per plant, \$1.50

Monsignor (Vilmorin)

A late flowering variety in rich coloring of purple and violet. The freedom of bloom makes it desirable for a strong note of color among the later blooming Irises. 2 feet.

Price . . per plant, 75c

Mrs. Alan Gray (Foster)

S. and F., soft pinkish lilac. Blooms with the intermediates and invariably for us sends up spikes of bloom in the Autumn. No Iris is lovelier in mass.

Price . . per plant, 75c

Opera (Vilmorin)

Certificate, Paris. Of glorious coloring in velvety rich deep red purples. A fine flower of good shape. 33 inches. Stock limited.

Price . . per plant, \$5.00

Oriflamme (Vilmorin)

Award of Merit, London; Certificate, Paris. Immense handsome flowers of light blue and purple, always admired.

Price . . per plant, \$1.00

Paracona (Foster)

An onococylus cross of great interest. S. rich violet and falls heavily netted violet on white ground. With the orange of Hemerocallis dumortieri as a foil, in a warm well drained corner, it attracts the attention of all who see it. It is perfectly hardy, also free in bloom and growth, given sun and good drainage.

Price . . per plant, \$2.00

Parc de Neuilly (Verdier)

A free blooming deep violet self. The large flowers make a fine dark mass. 30 inches.

Price . . per plant, \$1.00

Parisiana (Vilmorin)

S., white minutely dotted lilac. At a distance the flower appears with lilac standards and white falls, edged lilac. Large flower on 32-inch stems.

Price . . per plant, \$1.00

Prosper Laugier (Vilmorin)

A. M., R. H. S. S., bronzy red; F., ruby velvet. The feeling of gold in its tones makes it the needed touch in a border of shades of yellow. Excellent also with creamy whites. 31 inches.

Price . . per plant, 75c

Quaker Lady (Farr)

S., smoky lavender shaded with gold; F., amethyst blue with yellow shadings. Styloid petals and beard yellow. To emphasize its charm of coloration, it should be planted with Aurea and Mrs. Neubronner.

Price . . per plant, 75c

Souvenir de Mme. Gaudichau (Millet)

This vigorous plant with rich purple flowers on three foot stems makes a stunning garden effect. It ranked 9.3 in the recent symposium and is regarded by Millet and others as his finest introduction. Unquestionably an Iris with a future.

Price . . per plant, \$10.00

Simplicity (McKinney)

An almost white flower with pink styloid petals. The plant is vigorous and free blooming and, in clump, has the pleasing habit of throwing up stems of varying height. 34 inches.

Price . . per plant, \$3.00

Queen Alexandria (Barr)

A very beautiful mauve with a suffusion of yellow. Erect, strong stems. 30 inches.

Price . . per plant, 35c ; per dozen, \$3.50

Rhein Nixe

A. M., R. H. S. Standards clear white; F., rich raspberry purple with white edge. Tall, vigorous branches spikes. 3 feet.

Price . . per plant, 50c

Richard II (Dykes)

Award of Merit, R. H. S. A seedling of Black Prince. Low in stature and very late. S., white; F., black violet and velvety with a clear white edge. Placed advantageously, it makes a stunning clump in the rock garden or border when nearly every other Iris has finished blooming.

Price . . per plant, \$4.00

Rose Unique (Farr)

A deep "pink." The rather small flowers are

freely produced and massed with gray white Florentina give an unusual touch of color at this season. 18 to 20 inches.

Price . . per plant, 50c

Sarah (Foster)

An excellent hybrid. Rather broad, upright foliage; dwarf in habit. Flower large, pearly white, distributing its bloom over a considerable period. Early May. 15 inches.

Price . . per plant, 50c

Shelford Yellow (Foster)

Flowers larger and plant taller than Aurea, while the color is between that of Flavescens and Aurea. A fine yellow Iris.

Price . . per plant, \$1.00

Tamerlane

S. Silvery-blue with deeper shadings; F., copper-purple, with yellow suffusion in throat. Grows 3½ feet high; one of the largest flowering Iris grown.

Price . . per plant, 50c

Thelma Perry (Perry)

A vigorous Pallida variety of refined coloring; soft blush; F., rosy mauve. 36 inches.

Price . . per plant, \$1.50

Sibirica Emperor (Japan)

Award of Merit, London. Deep violet blue. Large flowers borne well above the foliage on four foot stalks. A clump of three years' standing makes a stunning garden feature. Stock limited.

Price . . per plant, \$3.00



STANDARD VARIETIES

(Bearded Iris)

Price . . per plant, 25c; per dozen, \$2.50, except where otherwise noted

Amas or Macrantha

A huge-flowered form from Asia Minor. Blooms slightly later than Florentina and the Intermediates. S., bright blue; F., deep purple violet. This variety is responsible for the great size in some of the later introductions and on this account should be in the collection of those wishing to make seedlings. 2 feet.

Price . . per plant, 35c; per dozen, \$3.50

Aurea

S. and F., soft, clear yellow. A very beautiful variety. Try planting it back of the wild Columbine (Canadensis). 30 inches.

Price . . per plant, 25c; per dozen, \$2.50

Beauty

S., White, tipped pale lavender; F., striped deep purple; height 2½ feet.

Price . . per plant, 50c

Caprice (Vilmorin)

S. and F., claret, shading to white at the center of the rather wide open flower. Very charming planted with Flavescens against a not too heavy tracery of green.

Price . . per plant, 50c

Cordelia (True)

S., lilac; F., velvety crimson. Late blooming. 24 to 30 inches.

Price . . per plant, 50c

Dalmarius

A highly commended variety. S. satiny gray. F. lavender with an enormous yellow beard. A large flower, vigorous plant and free in bloom. 30 inches.

Price . . per plant, 25c

Dorothee (Intermediate)

S. pearly lavender gray. F. touched with deeper lavender and whole flower flat like a Japanese Iris.

Price . . per plant, 50c

Flavescens

Soft creamy yellow. No Iris is more valuable in the garden. 30 inches.

Price . . per plant, 25c; per dozen, \$2.50

Florentina

The gray-white variety of the old gardens; large, fragrant and early. It makes a pleasing background for Clara Butt Tulips. 28 inches.

Fritjof (Intermediate)

A fine purple bicolor in large flower with a long blooming season.

Price . . per plant, 50c

Germanica Type

(Common Early Blue Flag). Violet purple, free-flowering and effective with yellow Tulip, Mrs. Moon.

Her Majesty

S., soft rose; F., deeper rose, heavily veined. One of the best "pink" sorts and particularly satisfying used either with the cool white of Mrs. Darwin or the warm white of Innocenza. 28 inches.

Price . . per plant, 35c; per dozen, \$3.50

Innocenza

S. and F., ivory white, slight reticulation at throat, late blooming and valuable. 26 inches.

Price . . per plant, 35c; per dozen, \$3.50

Iris King (New)

S., old gold; F., rich maroon, bordered yellow; a beautiful and striking flower. 2 feet.

Price . . per plant, 50c

Juniata (Farr)

Four foot stems carry large violet flowers above noticeably fine flowing foliage. Excellent in every way.

Price . . per plant, 50c

Jacquesiana

Standards wine, shaded in copper. Falls red purple velvet with blackish tones. There is not so much yellow in this flower as in Prosper Laugier and it is taller in growth. Should be planted with pale yellow or creamy white. 3 feet.

Price . . per plant, 35c; per dozen, \$3.50

Kochii

S. and F., deep black purple. An effective early blooming Iris, not so well known as it deserves. 2 feet.

Price . . per plant, 25c; per dozen, \$2.50

Leonidas (Barr)

A very handsome, tall Pallida type. S., clear lavender; F., several shades deeper and hugging the stem, making the form an unusual but attractive one. Very large flower. 3 feet.

Price . . per plant, 35c; per dozen, \$3.50

Lohengrin

A. M., R. H. S. A large flower, both S. and F., in shades of Cattleya mauve; petals very responsive to the strength or softness of the light. A plant of vigorous habit and good foliage. 32 inches.

Price . . per plant, 35c

Loreley

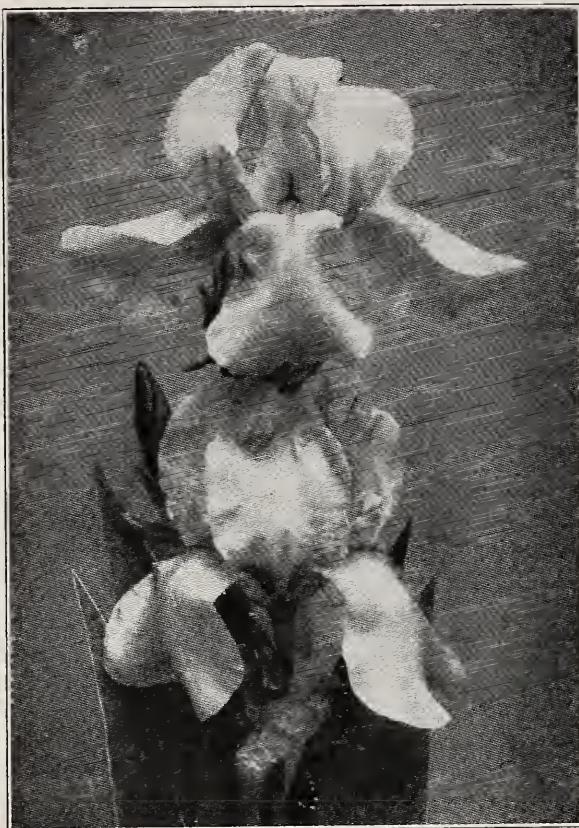
S., clear pale yellow. F., raisin purple with yellow edge. This variety possesses in a superlative degree what the garden colorists call "carrying quality." No other Iris in our collection is more admired.

Price . . per plant, 35c; per dozen, \$3.50

Lutescens (var. Statellae)

Creamy white globular flowers in late April on 12- to 15-inch stems. Fragrant and lovely for cutting. Established clumps make excellent subjects for forcing.

Price . . per plant, 25c ; per dozen, \$2.50

**Madame Chereau**

S. and F., white, frilled clear blue; very lovely. 3 feet.

Madame Pacquitte

S. and F., bright, rosy claret; deliciously fragrant. 30 inches.

Price . . per plant, 25c

Mandralisca

S., deep blue; F., violet-mauve; with pale yellow, striped throat; 3½ feet high.

Maori King

S., golden yellow; F., velvety crimson, margined gold. A valuable Iris where brilliant low masses of color are desired. 18 inches.

Price . . per plant, 25c

Mrs. H. Darwin

A cool, pure white with very slight reticulations of violet at base of falls. It blooms freely and is as indispensable sort. 2 feet.

Mrs. Neubronner

S. and F. golden yellow deeper than Aurea, also slightly earlier. 20 to 24 inches.

Price . . per plant, 25c ; per dozen, \$2.50

Murat

S. Pale Orchid, tipped gold; F., heavily striped with claret red; throat canary yellow.

Nibelungen

S. fawn; F. bronzy purple edged with fawn. An erect, vigorous, free-blooming Iris and one of the best of its color. Should be planted near a "blue" like Rembrandt and creamy yellow like Flavescens. 32 inches.

Price . . per plant, 50c

Othello

S. rich blue, F. deep dark velvety violet. 30 inches. Still unsurpassed among the dark sorts.

Price . . per plant, 25c

Pallida Dalmatica

S. and F. soft lavender; very fragrant; exquisite as a cut flower; superb in the hardy border. 3 to 4 feet.

Price . . per plant, 25c ; per dozen, \$2.50

Perfection

S. light blue; F. black violet. A very free-blooming sort and most effective as a dark foil for the lighter colors. 30 inches.

Price . . per plant, 50c ; per dozen, \$5.00

Plumeri

S. Rose mauve with metallic shadings; F., deeper mauve. A sterling variety, very largely grown.

*Price . . per plant, 25c ; per dozen, \$2.50
(except where noted)*

Queen of May

S. and F. soft lilac rose, fragrant. One of the most charming of the "pink" Pallidas. 32 inches.

Price . . per plant, 25c ; per dozen, \$2.50

Rembrandt

S. and F. shades of soft blue with almost no suggestion of purple. An excellent "blue" sort. 2 feet

Price . . per plant, 25c

Thorbeck

S. white; F. deep black violet. A very effective Iris. 40 inches.

Price . . per plant, 35c ; per dozen, \$3.50

Trautlieb

The soft lilac pink of the wide open flowers, shading to white through the center, and the rather slender 18-inch stem, make it ideal for crystal bowls as well as garden massing.

Price . . per plant, 35c ; per dozen, \$3.50

Trojana Superba

A. M., R. H. S. A giant-flowered, fragrant, late-blooming variety from the Island of Cyprus. Light blue, lavender standards and deep purple falls. Needs a warm, dry location. 3 feet.

Price . . per plant, 35c ; per dozen, \$3.50

Walhalla (Intermediate)

S. light blue lavender; F. velvety purple. Blooms in mid-May. 20 inches.

Price . . per plant, 35c ; per dozen, \$3.50

Iris Sibirica

These are grassy-leaved Irises retaining lovely flowing foliage throughout the season and blooming

just at the close of the bearded Iris season. The delicately poised blossoms are attractive and valuable both for cutting and garden decoration.

White . . per plant, 25c ; per dozen, \$2.50

Shades of Blue . . per plant, 25c ; per dozen, \$2.00

Snow Queen (Found in Japan by Mr. Peter Barr)

An exceptionally free flowering Sibirica of the Orientalis form. Its large white blossoms make a fine mass effect; 28 inches.

Price . . per plant, 25c ; per dozen, \$2.50

DWARF IRISES

Arenaria

An interesting tiny species from Hungary. Flowers bright yellow with the fragrance of vanilla. Good for a hot, sunny spot in the rock garden where with proper care it will give amazing bursts of bloom. The flower is fugacious and it is an Iris for the enthusiast and careful gardener. 3 to 4 inches.

Price . . per plant, \$1.50

Black Midget (McKinney)

This is another delightful dwarf of deepest black purple. Its stems are also sometimes two flowered and it makes the richest possible spot of color in the spring garden. The foliage of this variety and that of Glee remains fine throughout the season. Late April and early May. 12 inches.

Price . . per plant, \$3.00

Excelsa

Deeper in color than Lutea, free and sweetly scented. 12 inches.

Price . . per plant, 25c

The Bride

A very satisfactory white Iris; 12 inches, blooming in late April or early May. Foliage is noticeably good.

Price . . per plant, 35c ; per dozen, \$3.50

Cristata (Evansia)

A dainty creeping species; flowers rich amethyst blue striped orange; increases rapidly. A little gem

for borders, rock work or low massing. It is happier in locations that are shaded a part of the day. Given these conditions and time to mass, it will delight all who try it.

Price . . per plant, 25c ; per dozen, \$2.50

Glee (McKinney)

This is a dwarf Iris of exceptional merit. The profusion of its pale yellow bloom and the gay grace of its two flowered stems merit the name given by the originator. It bloomed over a period of three weeks this past season and is an acquisition, receiving praise wherever seen. Stock limited. Late April and early May. 12 inches.

Price . . per plant, \$3.00

Lutea

Pale yellow. Very vigorous in growth and profuse in flower. Mid-April. 8 to 10 inches.

Price . . per dozen, \$2.50

Nova Aurea

A satisfactory yellow of great freedom and similar in color to Excelsa. Late April and early May. 12 inches.

Price . . per plant, 25c ; per dozen, \$2.50

Pumila Atroviolacea

S. and F., purple. Falls slightly deeper in tone. 4 inches. The earliest to bloom. Especially good in front of white Arabis and Golden Spur Daffodils.

Price . . per plant, 15c ; per dozen, \$1.50



JAPANESE IRIS

This type of Iris sends up spikes three to four feet high with about a dozen spikes to a plant. Each of these spikes will produce three or four enormous blossoms eight to ten inches across, of the most delicate and beautiful color combinations. Once planted they will bloom profusely for many years throughout the months of June and July.

Price . . . per plant, 35c; per dozen, \$3.50; per hundred, \$25.00

Amethyst

Single. Very large wavy petals of a beautiful lavender shade.

Gold Bound

Double. Large double white, enriched by a creamy glow, from the gold banded center.

H. Von Sieboldt

Single. Reddish, veined white, with bright yellow center.

Mt. Hood

Double. Light blue, shaded darker blue, bright orange center.

P. C. De Rohan

Double. Light purple, shaded violet; with a deeper purple center.

Red Riding Hood

Single. Fine amaranth, veined and suffused white in color.

T. S. Ware

Double. Reddish violet, veined white, white center, pale yellow markings.

Pink Progress

Single. Pale lavender with a clear blue halo overlaid with a silvery sheen.



Lavandula (Lavender)

VERA. The true Sweet Lavender, growing 18 inches high, wonderfully fragrant blue flowers blooming July and August.

Lupins (Lupine)

POLYPHYLLUS TYPE: Blue

ALBA: White

ROSEUS: Rose pink

Lychnis (The Lamp Flower)

CHALCEDONICA. Most desirable variety; orange scarlet. 3 feet high.

HAAGEANA. Brilliant orange-scarlet. Flowers in May and June. 12 inches high.

Lysimachia (Loosestrife)

CLETHROIDES. Long, dense spikes; pure white flowers, fine for cutting. 2 feet.

Lythrum (Loosestrife)

ROSEUM SUPERBUM. Rose color, robust habit. 4 to 5 feet high.

Monarda (Bergamot)

DIDYMA. Brilliant crimson-scarlet flowers produced on plants about 2½ to 3 feet high, during the months of July and August. Very showy and bright when planted en masse.

FISTULOSA. Lavender form of the above.

VIOLACEA. Bright amaranth red. Two to three feet high.

Myositis (Forget-Me-Not)

PALUSTRIS SEMPERFLORENS. No hardy flower is better known or appreciated than this royal blue variety. Early and free in bloom. Perpetual flowering type. Prefers a damp location. 6 inches.

VICTORIA: Light blue.

SYLVESTRUS: Deep blue.

Nepeta (Ground Ivy)

MUSSINI. Bright blue flowers, silvery foliage, growing about 9 inches high.

HEDERACEA. Dwarf trailing creeping plant; very fine edging for borders.

Oenothera (Evening Primrose)

SPECIOSA. Pure white flowers that do splendidly in a sunny location. They bloom the greater part of the summer with flowers 3 inches across and grow about 18 inches high.

Pachysandra

TERMINALIS. A trailing plant growing about 7 to 9 inches high, blooming during May and June. A very fine plant to grow in a shady location.

Papaver (The Oriental Poppy)

GOLIATH. Fiery scarlet with maroon blotch at the base of petal. Assorted. All shades of color.

COURONNE D'OR. Late snow white, with bright red center and yellow stamens.

HERBACEOUS PEONIES

Cast-iron in their hardiness, blooming equally well, north, south, east and west, in this country, no other flower is so adaptable and so satisfactory. A good rich soil, open, sunny position, and plenty of water during their growth is all they need. When planting, place the roots so that the drowns are barely covered with soil.

Price . . . per plant, 75c; per dozen \$6.00, except where priced



Delicatissima. Lilac rose, midseason type. Tall grower, free bloomer and very fragrant.

Edulis Superba. A beautiful bright clear pink Peony that is always in flower for Decoration Day.

Festiva Maxima. Pure white, flecked carmine; strong grower; early bloomer. One of the oldest varieties and very dependable.

Marie Lemoine. White, with carmine edges on petals; exceptionally large and very profuse flowering habit. Late.

Mme. Boulanger. Glossy, soft pink, shade lilac; mid-season.

Price . . . per plant, \$1.00 ; per dozen, \$10.00

Mme. Crousse. Ivory white, center petals edged crimson.

Mme. Leonie Calot. Pale pink; very abundant bloomer; tall and fragrant; early flowering.

Mme. Ducel. Very bright pink; medium size but free-flowering and lasting.

Model of Perfection. Light violet rose with bright rose center; dwarf grower and late.

Price . . . per plant, \$1.00 ; per dozen, \$10.00

Queen Victoria. One of the best white Peonies that has been introduced in many years. When first opening has a faint blush pink tint but this fades out entirely as the flower expands.

Triomphe Du Nord. A very deep rose pink with enormous flowers. A late midseason variety.

Triomphe De Lille. Hydrangea pink splashed violet rose with white reflex. An exceptionally fine variety.

Venus. Very large high compact crown flower of pale lavender with lighter collar. Tall grower, free bloomer and very fragrant. Midseason type.

HARDY PHLOX

We catalogue but a few of the very choicest varieties, but can quote many others if desired. Phlox should be planted from eighteen inches to two feet apart, and will quickly repay any expenditures in the line of extra care and fertilizers. They flower continuously from July until fall, and are always very showy in a garden.

Phlox is sometimes attacked with mildew, and this is best treated by the use of Sulphide of Potassium, applied in the proportion of one ounce to two gallons of water.

All of the varieties listed below, unless noted, will attain a height of from two to two and one-half feet. *Price . . . per plant, 30c ; per dozen, \$3.00 ; per hundred, \$20.00*





PHLOX DIVARICATA

PHLOX DIVARICATA LAPHAMII

A Perennial Phlox of pure Gentian blue, growing to a height of 15 to 18 inches; unsurpassed as a border plant when planted in front of Darwin Tulips, since it flowers in May, and continues flowering until early July.

There is no other garden flower blooming at this season showing this rare and beautiful color.

A solid bed of Phlox Laphamii is one of the most attractive sights in any garden, and we cannot too strongly recommend everyone to try at least a few plants of this remarkable plant.

Price . . . per plant, 30c ; per dozen, \$3.00 ; per hundred, \$20.00

PHLOX—STANDARD VARIETIES

Bridesmaid

A white with large crimson center; a very well known variety.

Champs Elysee

Violet purple; with large spikes. 2½ feet.

Eclareur

A dark brilliant carmine with a deeper center. 2½ feet.

Europa

A white variety with a carmine red eye. Individual flowers and trusses very large; very strong grower with rigid stems.

Elizabeth Campbell

Light salmon changing to pink, a new and splendid color.

Frau Anton Buchner

Finest pure white Phlox that has ever been introduced. Flowers enormous in size and perfect in form.

General Van Heutz

Brilliant salmon scarlet with large white center. A very striking variety. 3½ feet.

Herosine

Purplish blue in color. The nearest color we have to blue in hardy Phlox. 2½ feet.

Louis Abbema

Large flowering white Phlox growing about 18 inches high.

Lumineaux

China Rose pink in color, growing 3 feet in height. Not as well known as most other pink variety, but a variety we can well recommend.

Miss Lingard

This is known as the Early Flowering Phlox since it comes into flower in May and continues to flower continuously until October, or the very heavy frosts injure it. Height about 2 feet. Color, pure white.

Mrs. Jenkins

The most popular white variety so far introduced; splendid for planting en masse; blooms early and profusely.

Madam Paul Duthrie

A lilac rose pink with very large individual flower.

Professor Virchow

Bright crimson overlaid with orange scarlet.

Rosenberg

Splendid shade of deep red with a violet eye in center.

Rynstrom

Carmine rose in color. A variety that is largely grown in all sections of the country.

Rheinlander

Beautiful salmon pink with claret red eye. Individual trusses of immense size.

Riverton Jewel

Clear violet rose with a deep red eye.

Wanadis

Light violet mottled white with a bright purple eye.

William Robinson

Bright salmon with a violet eye in center. Tall, growing about 4 feet.

W. C. Egan

Enchantress pink in color. Very fine grower and a Phlox that can be depended on to give good results no matter where grown. Individual flowers on the trusses sometimes measure 1½ inches in diameter.

Widar

Lovely violet shade with white center.

Physalis (The Chinese Lantern Plant)

FRANCHETI. Sometimes known as the Winter Cherry, attaining a height of two feet, and covered with bright orange-scarlet lantern-like fruit.

Physostegia (False Dragon Head)

VIRGINICA. Pale pink, tubular flowers on very showy bushes; 3 to 4 feet high, blooms all summer.

VIRGINICA ALBA. Pure white form of above. 4 feet.

Platycodon (Japanese Bellflower)

Very handsome hardy perennial, with beautiful bell-shaped flowers, much like Campanula.

GRANDIFLORUM. Very large deep blue star-shaped flowers. 2 feet.

GRANDIFLORUM ALBA. Beautiful pure white type of the above. 2 feet.

Polygonum (Knotweed)

CUSPIDATUM. Noble plant attaining a height of 6 feet, producing long, drooping clusters of white flowers in the axil of each leaf.

Polyanthus (Primula)

YELLOW GIANT. A very fine shade of yellow Primula growing to a height of about 12 inches. A very fine subject for rock gardens; blooming in May.

Primroses (English Primrose)

SEEDLINGS. In assorted colors. Absolutely indispensable in the spring and, like Cowslips, make beautiful pot plants for Easter when grown in a cold house.

Pyrethrum (Giant Daisy)

ULIGINOSUM. Flowers in the fall, just ahead of the Michaelmas Daisies, to which family it is closely related. 4 feet high.

HYBRIDUM. Single flowering pink Daisies, growing 2 feet in height; flowering during the month of June; fern-like foliage. Double. Heavy daisy-like flowers, assorted colors, growing 2 feet high.

Rudbeckia

GOLDEN GLOW. One of the best known hardy flowers, blooming from July until September.

NEWMANNII. The Black-Eyed Susan, very well known and popular. 3 feet.

PURPUREA. Large, showy reddish purple flowers; 4 inches across. 3 feet.

TRILOBA. One of the finest of the Rudbeckia family. Flowers orange or brownish purple with deep yellow base, making a most attractive flower.

Santolina (Lavender Cotton)

INCANA. Silvery white foliage, used for rock border and very largely used for carpet bedding.

Saponaria (Soapflower)

ORIENTALIS. Border plant, growing about 6 inches high, producing masses of bright pink flowers from July to October.

Sedum (Stonecrop)

SPECTABILE. Most popular of all the Sedums, producing large, flat heads of rose-colored flowers; 2 feet high.

Statice (Sea Lavender)

LATIFOLIA. A popular border and rockery plant with very glossy leaves and small purplish blue flowers in trusses about 12 inches across, blooming profusely. Height 18 inches. Useful for winter bouquets.

Stachys (Wound Wort)

LANATA. Bright, silvery white, woolly foliage; flowers an inconspicuous light purple in color; largely used for edging or clumps in borders.

Stokesia (The Cornflower Aster)

ALBA. Very beautiful hardy plant attaining a height of 18 to 24 inches, blooming from July until October. A pure white cornflower-like, measuring five inches across.

Sweet William (Dianthus Barbatus)

Possibly one of the best known, free-flowering, hardy perennials; easily one of the most attractive flowers in the garden.

NEWPORT PINK. Beautiful salmon shade of pink.

JOHNSON'S DIADEM. Maroon with white center.

PURITY. Snow white, one of the very best.

CARMINE BEAUTY. Very rich shade of red.

ASSORTED. All colors.

Thalictrum (Meadow Rue)

ADIANTIFOLIUM. Beautiful variety, with foliage like Maidenhair Fern and miniature white flowers. 2 feet.

Valeriana (Valerian)

OFFICINALIS. Very fragrant, rose tinted flowers. 2 feet.

RUBRUM. Large clusters of red flowers. 2 feet.

Verbascum (The Purple Mullein)

PHENICEUM. Purple spiked flowers attaining a height of about 4 feet. Grows somewhat on the order of Delphinium.

Veronica (Speedwell)

AMETHYSTINA. Amethyst-blue flowers; spikes long and good. 2 feet.

LONGIFOLIA SUBSESSILIS. Long spikes; beautiful blue flowers; plants 3 feet high.

SPICATA. Flowers in June and July; magnificent sprays of bright blue flowers, growing 1½ to 2 feet high.

Viola (The Perennial Violet)

PURPUREA. Rich shade of blue.

YELLOW GEM. Very bright yellow.

WHITE QUEEN. Pure white specie of this type.

Yucca (Adam's Needle)

FILAMENTOSA. Ornamental foliage and flowering plants. Makes a splendid foil for the delightfully fragrant spikes of creamy white flowers produced during June and July. 5 to 6 feet tall.



ORDER SHEET

CHARLES H. TOTTY COMPANY, Madison, N. J.

Date _____ *Forward by (State Express)* _____

PLEASE DO NOT WRITE HERE

Name _____

Gardener

Gardener

**Street, P. O. Box or _____
Rural Delivery**

Post Office _____

**Express (If Different)
from P. O.)** _____

County _____ *State* _____

State whether P. O. Order,
Express Money Order, Draft,
Postage Stamps or Cash

ORDER SHEET

CHARLES H. TOTTY COMPANY, Madison, N. J.

Date _____ **Forward by** (State Express) _____

PLEASE DO NOT WRITE HERE

Name _____

Gardener

Gardener _____

Street, P. O. Box or _____

Rural Delivery Post Office

Express (If Different)

County _____ **State** _____

AMOUNT ENCLOSED State whether P. O. Order,
Express Money Order, Draft,
Postage Stamps or Cash

Plant MORE Gardens of PERMANENT Beauty

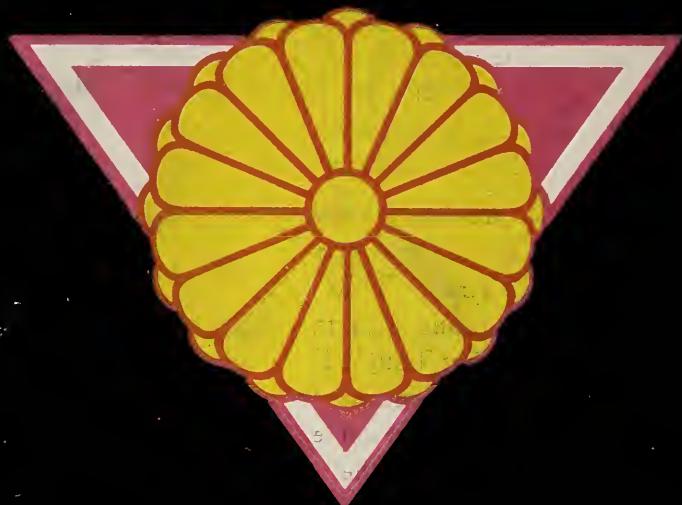
FROM the beginning we have championed the cause of hardy gardens. Hardy gardens are such as will last for years from one planting, gardens that will increase in beauty from year to year without causing the owner a great deal of work. It is only during recent years that the peculiar beauty of "grandmother's Old Fashioned Garden" has again become duly appreciated and we are glad to say that we always have been and will continue to be thoroughly prepared to provide the plant material needed to establish old fashioned gardens.

We shall continue to endeavor to provide the more unusual types of hardy perennials and the better varieties among them rather than to provide the common kinds. Thus early in our business life we established connections with the foremost specialists of Europe with the result that Totty's Delphiniums (from English Hybrids) are now world famous; that Totty's hardy 'Mums excel in every respect; and last not least, Totty's hardy Roses enjoy an enviable reputation all their own.

So this then is an invitation that you bear in mind Totty's is headquarters for hardy perennials. We shall endeavor by courteous treatment and prompt and efficient shipping service to merit the continuation of many years of patronage.



Charles H. Totty
COMPANY



MADISON
NEW JERSEY

